

The Chemical Weapons Convention
Declaration and Report Handbook
for Schedule 2 Chemicals

December 1999

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SECTION 1: INTRODUCTION

Background

On April 25, 1997, the United States ratified the Convention on the Prohibition of the Development, Production, Stockpiling and Use of Chemical Weapons and on Their Destruction (Chemical Weapons Convention, Convention or CWC), which requires initial and annual declarations and reports on activities involving Schedule 1, Schedule 2, and Schedule 3 chemicals and Unscheduled Discrete Organic Chemicals (UDOCs) above applicable threshold quantities. Such requirements are promulgated in the Chemical Weapons Convention Regulations (CWCER) (15 CFR parts 710 - 722).

Handbook Overview

This Handbook should be used in conjunction with the CWCER to complete the required declaration and report forms that are due to the Bureau of Export Administration (BXA). If there are discrepancies between the CWCER and this Handbook (including the forms and form instructions), the CWCER prevail.

Section 2 of this Handbook contains the Schedules of Chemicals which are subject to CWCER declaration and report requirements. The Schedules of Chemicals are divided into three sections, including Schedule 1, Schedule 2, and Schedule 3 chemicals. UDOCS are not included in the Schedules of Chemicals. Section 3 of this Handbook briefly summarizes the declaration and report requirements; however, as previously noted, the CWCER contain the specific declaration and report requirements as well as any possible exemptions.

This Handbook also includes a “Guide to Submission of Forms,” that contains information on which forms are due to BXA for each type of declaration or report. The forms are also in this Handbook, and detailed instructions for completing each form are found on the reverse side of the forms. There are also four Supplements to this Handbook in which necessary information is contained for completing the forms. Supplement 1 is a guide on “How to Determine Latitude and Longitude Coordinates” for identifying the location of your facility. Supplement 2 is a listing of “Product Group Codes” for describing products manufactured at your plant or plant site. Supplement 3 is a listing of “Destination Codes” for identifying the destination to or from which you exported or imported a scheduled chemical. Lastly, Supplement 4 is a “Glossary of Definitions and Terms” for describing key words in this Handbook and on the forms.

Declaration and Report Requirements

The requirements for submission of declarations and reports for a specific facility, trading company or person subject to the CWCER are dependent upon the activity (production, processing, consumption, export, and import), the chemical, and the amounts of the chemical involved in the activity during:

- the previous calendar year for Schedule 1 and Schedule 3 chemicals and UDOCs;
- the previous three calendar years for Schedule 2 chemicals; and
- the next calendar year for anticipated activities of Schedule 1, Schedule 2 and Schedule 3 chemicals.

Parts 712 through 715 of the CWCR set forth declaration and report requirements for scheduled chemicals and UDOCs.

Forms

BXA has designed the forms that are contained in this Handbook to require the minimum amount of information for the United States to meet its obligations under the Convention. If there are discrepancies between the CWCR and the form instructions, the CWCR prevail.

You can obtain additional copies of the Handbooks, including the forms, by contacting the Information Technology Team (ITT) at (703) 235-1335. The forms and forms software (DESI - Data Entry Software for Industry) as well as other related information may also be obtained via the Internet at <http://www.cwc.gov>. The forms are provided in Adobe Acrobat PDF format.

Assistance

If you need assistance in completing the forms included in this Handbook, contact BXA's ITT by telephone at (703) 235-1335. You may also e-mail your questions to ITT at cwcqa@cwc.gov.

If you need assistance in determining whether a chemical is classified as a Schedule 1, Schedule 2 or Schedule 3 chemical, or is a UDOC, you can submit to ITT a request for a chemical determination. Your request should include the information listed below. If you are unable to provide all of this information, you should explain why you cannot provide the information.

- (1) Date of request;
- (2) Company name and complete street address;
- (3) Point of contact;
- (4) Phone and fax number of contact;
- (5) Chemical name;
- (6) Structural formula;
- (7) Chemical Abstract Service registry number, if assigned; and
- (8) Any additional information which you feel is relevant to the chemical and/or process involved and which is not of a confidential or proprietary nature.

You can request a chemical determination via fax at (703) 235-1481 or e-mail at cdr@cwcc.gov, or you can mail the request to the following address:

Information Technology Team (ITT)
Bureau of Export Administration
U.S. Department of Commerce
1555 Wilson Blvd., Suite 710
Arlington, VA 22209-2405

Paperwork Reduction Act

The collections of information described in this Handbook are subject to the Paperwork Reduction Act of 1995 (44 U.S.C. 3501 et seq.). The Office of Management and Budget has approved the collection of information that is required under the CWCR. The public reporting burdens for this collection of information (OMB Collection #: 0694-0091) are estimated to average 10.6 hours for Schedule 1 chemicals, 11.9 hours for Schedule 2 chemicals, 2.5 hours for Schedule 3 chemicals, and 5.3 hours for UDOCs. These estimates include the time required to collect the required information and to complete the forms.

Notwithstanding any other provision of law, no person is required to respond to nor shall a person be subject to a penalty for failure to comply with a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a currently valid OMB Control Number.

Confidential Business Information

The Chemical Weapons Convention Implementation Act of 1998 defines “confidential business information” for purposes of CWC declarations, reports, notifications, and inspections. Certain confidential business information (CBI) provided by facilities, trading companies or other persons to BXA on the CWC forms is exempt from public disclosure under the Freedom of Information Act. Facility-specific information contained in declarations, including confidential business information, will be forwarded to the Organization for the Prohibition of Chemical Weapons (OPCW), and the OPCW will provide certain types of information from the declaration(s) to other States Parties upon request. See Part 718 of the CWCR for additional information on the treatment of CBI.

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SECTION 2: SCHEDULES OF CHEMICALS

Schedule 1

- A. Toxic chemicals:** (CAS registry number)
- (1) O-Alkyl ($\leq C_{10}$, incl. cycloalkyl) alkyl
(Me, Et, n-Pr or i-Pr)-phosphonofluoridates
- e.g. Sarin: O-Isopropyl methylphosphonofluoridate (107-44-8)
Soman: O-Pinacolyl methylphosphonofluoridate (96-64-0)
- (2) O-Alkyl ($\leq C_{10}$, incl. cycloalkyl) N,N-dialkyl
(Me, Et, n-Pr or i-Pr) phosphoramidocyanidates
- e.g. Tabun: O-Ethyl N,N-dimethyl phosphoramidocyanidate (77-81-6)
- (3) O-Alkyl (H or $\leq C_{10}$, incl. cycloalkyl) S-2-dialkyl
(Me, Et, n-Pr or i-Pr)-aminoethyl alkyl
(Me, Et, n-Pr or i-Pr) phosphonothiolates and
corresponding alkylated or protonated salts
- e.g. VX: O-Ethyl S-2-diisopropylaminoethyl methylphosphonothiolate (50782-69-9)
- (4) Sulfur mustards:
- 2-Chloroethylchloromethylsulfide (2625-76-5)
Mustard gas: Bis(2-chloroethyl)sulfide (505-60-2)
Bis(2-chloroethylthio)methane (63869-13-6)
Sesquimustard: 1,2-Bis(2-chloroethylthio)ethane (3563-36-8)
1,3-Bis(2-chloroethylthio)-n-propane (63905-10-2)
1,4-Bis(2-chloroethylthio)-n-butane (142868-93-7)
1,5-Bis(2-chloroethylthio)-n-pentane (142868-94-8)
Bis(2-chloroethylthiomethyl)ether (63918-90-1)
O-Mustard: Bis(2-chloroethylthioethyl)ether (63918-89-8)
- (5) Lewisites:
- Lewisite 1: 2-Chlorovinylchloroarsine (541-25-3)
Lewisite 2: Bis(2-chlorovinyl)chloroarsine (40334-69-8)
Lewisite 3: Tris(2-chlorovinyl)arsine (40334-70-1)
- (6) Nitrogen mustards:
- HN1: Bis(2-chloroethyl)ethylamine (538-07-8)

HN2: Bis(2-chloroethyl)methylamine	(51-75-2)
HN3: Tris(2-chloroethyl)amine	(555-77-1)
(7) Saxitoxin	(35523-89-8)
(8) Ricin	(9009-86-3)
B. Precursors:	
(9) Alkyl (Me, Et, n-Pr or i-Pr) phosphonyldifluorides	
e.g. DF: Methylphosphonyldifluoride	(676-99-3)
(10) O-Alkyl (H or $\leq C_{10}$, incl. cycloalkyl) O-2-dialkyl (Me, Et, n-Pr or i-Pr)-aminoethyl alkyl (Me, Et, N-Pr or i-Pr) phosphonites and corresponding alkylated or protonated salts	
e.g. QL: O-Ethyl O-2-diisopropylaminoethyl methylphosphonite	(57856-11-8)
(11) Chlorosarin: O-Isopropyl methylphosphonochloridate	(1445-76-7)
(12) Chlorosoman: O-Pinacolyl methylphosphonochloridate	(7040-57-5)

Schedule 2

A. Toxic chemicals:	(CAS registry number)
(1) Amiton: O,O-Diethyl S-[2-(diethylamino)ethyl] phosphorothiolate and corresponding alkylated or protonated salts	(78-53-5)
(2) PFIB: 1,1,3,3,3-Pentafluoro-2-(trifluoromethyl)-1-propene	(382-21-8)
(3) BZ: 3-Quinuclidinyl benzilate	(6581-06-2)
B. Precursors:	
(4) Chemicals, except for those listed in Schedule 1, containing a phosphorus atom to which is bonded one methyl, ethyl or propyl (normal or iso) group but not further carbon atoms,	
e.g. Methylphosphonyl dichloride	(676-97-1)
Dimethyl methylphosphonate	(756-79-6)

- | | |
|---------------------------------------------------------------------------------------------------|-------------|
| Exemption: Fonofos: O-Ethyl S-phenyl ethylphosphono-thiolothionate | (944-22-9) |
| (5) N,N-Dialkyl (Me, Et, n-Pr or i-Pr) phosphoramidic dihalides | |
| (6) Dialkyl (Me, Et, n-Pr or i-Pr) N,N-dialkyl (Me, Et, n-Pr or i-Pr)-phosphoramidates | |
| (7) Arsenic trichloride | (7784-34-1) |
| (8) 2,2-Diphenyl-2-hydroxyacetic acid | (76-93-7) |
| (9) Quinuclidine-3-ol | (1619-34-7) |
| (10) N,N-Dialkyl (Me, Et, n-Pr or i-Pr) aminoethyl-2-chlorides and corresponding protonated salts | |
| (11) N,N-Dialkyl (Me, Et, n-Pr or i-Pr) aminoethane-2-ols and corresponding protonated salts | |
| Exemptions: | |
| N,N-Dimethylaminoethanol and corresponding protonated salts | (108-01-0) |
| N,N-Diethylaminoethanol and corresponding protonated salts | (100-37-8) |
| (12) N,N-Dialkyl (Me, Et, n-Pr or i-Pr) aminoethane-2-thiols and corresponding protonated salts | |
| (13) Thiodiglycol: Bis(2-hydroxyethyl)sulfide | (111-48-8) |
| (14) Pinacolyl alcohol: 3,3-Dimethylbutane-2-ol | (464-07-3) |

Schedule 3

- | | |
|-----------------------------------------|-----------------------|
| A. Toxic chemicals: | (CAS registry number) |
| (1) Phosgene: Carbonyl dichloride | (75-44-5) |
| (2) Cyanogen chloride | (506-77-4) |
| (3) Hydrogen cyanide | (74-90-8) |
| (4) Chloropicrin: Trichloronitromethane | (76-06-2) |

B. Precursors:

(5) Phosphorus oxychloride	(10025-87-3)
(6) Phosphorus trichloride	(7719-12-2)
(7) Phosphorus pentachloride	(10026-13-8)
(8) Trimethyl phosphite	(121-45-9)
(9) Triethyl phosphite	(122-52-1)
(10) Dimethyl phosphite	(868-85-9)
(11) Diethyl phosphite	(762-04-9)
(12) Sulfur monochloride	(10025-67-9)
(13) Sulfur dichloride	(10545-99-0)
(14) Thionyl chloride	(7719-09-7)
(15) Ethyldiethanolamine	(139-87-7)
(16) Methyldiethanolamine	(105-59-9)
(17) Triethanolamine	(102-71-6)

SECTION 3: SCHEDULE 2 INFORMATION AND FORMS

Introduction

Part 713 of the Chemical Weapons Convention Regulations (CWCRC) sets forth the declaration and report requirements that apply to the production, processing, consumption, export, and import of Schedule 2 chemicals. Submitters should refer to Part 713 of the CWCRC to determine their declaration and report requirements. For the convenience of submitters, this section of the Handbook summarizes these declaration and report requirements and includes a table indicating the quantities of Schedule 2 chemicals that trigger a declaration or report. If there are discrepancies between the information in this section and the declaration and report requirements set forth in Part 713 of the CWCRC, the CWCRC prevail.

This section also contains a “Guide to Submission of Schedule 2 Forms” that identifies the specific forms which must be included in each declaration or report package, the necessary declaration and report forms, as well as specific instructions for completing the forms.

Declaration and Report Requirements

Initial Declarations are required from plant sites with one or more plants that produced, processed or consumed a Schedule 2 chemical in excess of applicable threshold quantities in any one of the calendar years 1994, 1995 or 1996. Such plant sites must declare data from each plant on each chemical for all three of these calendar years to provide a baseline for monitoring trends in production, processing or consumption of Schedule 2 chemicals. Plant sites must also declare data on exports and imports of each declared Schedule 2 chemical in excess of applicable threshold quantities (i.e., data from all plants on the plant site, not just data from declared plants) for calendar years 1994, 1995 and 1996. (See the Note to Section 713.3(a)(1)(i) of the CWCRC for instructions on how to determine if you have an initial declaration requirement.).

Initial Reports on Exports and Imports are required from plant sites, trading companies, and other persons subject to the CWCRC that exported and/or imported a Schedule 2 chemical in excess of applicable threshold quantities in calendar year 1996. Note that plant sites subject to Initial Declaration requirements because of production, processing or consumption of a Schedule 2 chemical above the applicable threshold quantity may also have a reporting requirement for a different chemical that they did not produce, process or consume above the applicable threshold quantity, but that they exported or imported above the applicable threshold quantity.

Declarations on Schedule 2 Chemicals Produced at Any Time Since 1 January 1946 for Chemical Weapons (CW) Purposes are required from plant sites that produced any amount of Schedule 2 chemicals for CW purposes. Plant sites must also declare information on the starting and ending dates for each of the production periods for each Schedule 2 chemical as well as information on where the chemical was shipped and the name of the final CW product, if known.

Annual Declarations on Past Activities are required from plant sites with one or more plants that produced, processed or consumed a Schedule 2 chemical in excess of applicable threshold quantities in any one of the three previous calendar years (beginning with calendar year 1997). Note that for Annual Declarations

on Past Activities, plant sites must review data from the three previous calendar years to determine if any plant on the plant site produced, processed or consumed a Schedule 2 chemical in excess of the applicable threshold in any one of those three years; however, the plant site must only declare data on plants for the reporting year in question. For example, for the Annual Declaration on Past Activities for 1998, you must review data from calendar years 1996, 1997, and 1998, for the plants on your plant site, but only declare data for declared plants on the plant site for calendar year 1998 activities. (See the Note to Section 713.3(a)(1)(ii) of the CWCR for instructions on how to determine if you have a declaration requirement.)

Note that in addition to production, processing and consumption data, plant sites must also declare other related information such as production capacity and domestic transfers of each declared chemical. Finally, plant sites must declare data on exports and imports of declared Schedule 2 chemical in excess of applicable threshold quantities (i.e., data from all plants on the plant site, not just data from declared plants).

Annual Reports on Exports and Imports are required from plant sites, trading companies or other persons that are subject to the CWCR that exported and/or imported a Schedule 2 chemical in excess of applicable threshold quantities (beginning with calendar year 1997). Note that plant sites subject to Annual Declaration on Past Activities requirements because of production, processing or consumption of a Schedule 2 chemical above the applicable threshold quantity may also have a reporting requirement for a different chemical that they did not produce, process or consume above the applicable threshold quantity, but that they exported or imported above the applicable threshold quantity.

Annual Declarations on Anticipated Activities are required from plant sites that anticipate one or more plants will produce, process or consume a Schedule 2 chemical in the next calendar year in excess of applicable threshold quantities. Note that in addition to anticipated production, processing and consumption data, plant sites must also declare production capacity, domestic transfers and exports of each declared chemical.

Declarations on Additionally Planned Activities are required from plant sites that anticipate additional production, processing or consumption of a Schedule 2 chemical after they have submitted their Annual Declaration on Anticipated Activities. This declaration is due to BXA at least 15 days before the additionally planned activity begins. (See Section 713.5 of the CWCR for the specific activities that trigger this declaration requirement.)

Amended Declarations or Reports are required for corrections to previously submitted declarations and reports.

Schedule 2 chemicals that constitute more than 10 percent of the weight of the mixture. See Section 713.3(a)(2) and 713.4(b)(2) for additional information on Schedule 2 mixtures.

Summary of Quantity Thresholds

The following summarizes the quantities thresholds for determining declaration requirements for the production, processing, consumption, export and import of Schedule 2 chemicals and for determining report requirements for the export or import of Schedule 2 chemicals.

Summary of Schedule 2 Quantity Thresholds

Schedule 2 Chemical	Quantity Threshold for Declaration or Report on Production, Processing, Consumption, Exports or Imports	Quantity Thresholds for Declaration or Report on Exports to or Imports from a Foreign Destination
2A(3)	> 1 Kg	> 10 grams
2(A)(1) and (2)	> 100 Kg	> 1 Kg
2B	> 1 metric ton	> 10 Kg

Quantity threshold for declaring production, processing and consumption and for reporting exports and imports of Schedule 2 chemicals

A production, processing or consumption declaration is triggered if at least one plant on a plant site produces above the applicable threshold quantity of a Schedule 2 chemical. A declared plant site will also need to declare exports (or imports) if it exported (or imported) more than the applicable threshold quantity of a Schedule 2 chemical for which it also declared production, processing or consumption. An export or import report is triggered if a plant site or trading company or any other person subject to the CWCR exports or imports more than the applicable threshold quantity of a Schedule 2 chemical.

Quantity threshold for reporting exports to or imports from individual foreign destination

Once an export or import declaration or report is required, specific information on exports to or imports from a particular foreign destination is required if exports to or imports from that foreign destination are greater than 1% of the applicable declaration/ reporting threshold.

Summary of Concentration Thresholds

The following summarizes the concentration thresholds for counting the weight of a Schedule 2 chemical in a mixture (for declaration and report purposes), determining whether the import from a non-State Party of a mixture containing a Schedule 2 chemical is permitted after April 28, 2000, determining whether a license is required for the export from the United States of a mixture containing a Schedule 2 chemical, and determining whether an export to a non-State Party of a mixture containing a Schedule 2 chemical is permitted after April 28, 2000.

Summary of Schedule 2 Concentration Thresholds

Schedule 2 Chemical	Concentration Threshold for a Schedule 2 Chemical in a Mixture to be “Counted” for Declaration or Report Purposes	Concentration Threshold for a Schedule 2 Chemical in a Mixture that May Trigger an Export or Import Restriction
2A(3)	> 30%	> 10%
2(A)(1) and (2)	> 30%	> 10%
2B	> 30%	> 10%

Concentration threshold for a Schedule 2 chemical in a mixture to be counted for declaration or report purposes

For a mixture that contains a Schedule 2 chemical, only count the Schedule 2 chemical if the concentration of the Schedule 2 chemical in the mixture is 30% or more. You would determine whether the concentration of the Schedule 2 chemical was 30% or more by calculating the percentage by weight and by volume and using the lesser percentage. If the concentration is 30% or more, “count” only the weight of the Schedule 2 chemical in the mixture, not the total weight of the mixture.

Guidance for adding quantities of Schedule 2 chemicals for declaration or report purposes

Add all the Schedule 2 chemical that plants at your plant site have produced, processed or consumed, including the Schedule 2 chemical in mixture concentrations of 30% or greater, to determine whether production, processing or consumption of the Schedule 2 chemical at any one or more plants on your plant site exceeds the applicable threshold. Plant sites, trading companies and other persons subject to the CWCR would proceed in similar fashion to count exports and imports to determine declaration or report requirements (in the case of declared Schedule 2 plant sites) or report requirements (in the case of all other persons subject to the CWCR). Note that exports from and imports to plant sites are determined for the plant site as a whole, including all units at the plant site.

Concentration threshold for a Schedule 2 chemical contained in a mixture that may trigger import restrictions

Beginning with April 29, 2000, no person subject to the CWCR may import a Schedule 2 chemical from a non-State Party. This import ban applies to a mixture that contains a Schedule 2 chemical at a concentration above 10% by weight.

Concentration threshold for a Schedule 2 chemical in a mixture that may trigger an export license requirement or other export restriction

- (1) Export license requirements for Schedule 2 chemicals subject to the Export Administration Regulations (EAR). Most Schedule 2 chemicals are subject to the export control jurisdiction

of the Department of Commerce. Depending on the destination, the export of a Schedule 2 chemical may require an export license from Commerce's Bureau of Export Administration (BXA). However, in most instances, a mixture containing a concentration of 10% or less of a Schedule 2 chemical, by weight, would not trigger a license application requirement under the Export Administration Regulations. In other instances, such as in the case of proposed exports from the United States to embargoed destinations or entities, even mixtures containing 10% or less concentration of a Schedule 2 chemical would require specific authorization from BXA (e.g., Cuba) or from another federal agency (e.g., the Department of the Treasury is responsible for licensing exports to destinations such as Iran and Iraq). (See 15 CFR parts 742, 744 and 746 and 31 CFR Chap. V.)

- (2) Export license requirements for Schedule 2 chemicals subject to the International Traffic in Arms Regulations (ITAR)(22 CFR parts 120-130). The 10% de minimis exception does not apply to Schedule 2 chemicals subject to the jurisdiction of the State Department. You should consult with the State Department to determine license application requirements and licensing policy for exports of Schedule 2 chemicals controlled under the ITAR (i.e., Amiton and BZ).
- (3) End-Use Certificate requirement and other restriction on all exports of Schedule 2 chemicals to non-States Parties (15 CFR part 745).
 - (a) Prior to April 29, 2000: In addition to any required export license, the exporter of any Schedule 3 chemical must obtain an End-Use Certificate prior to exporting such a chemical to a non-State Party. The End-Use Certificate must be issued by the government of the non-State Party. This End-Use Certificate requirement does not apply, however, to exports of mixtures that contain 10% or less concentration, by weight, of a Schedule 2 chemical. This 10% de minimis allowance applies to all Schedule 2 chemicals, irrespective of the export license requirements that may apply.
 - (b) On or after April 29, 2000: No person subject to the CWCR may export a Schedule 2 chemical to a non-State Party beginning April 29, 2000. This export ban applies to a mixture that contains a Schedule 2 chemical at a concentration above 10% by weight.

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GUIDE TO SUBMISSION OF SCHEDULE 2 FORMS

Declaration or Report Type	Schedule 2 Forms										Due Dates
	Cert.	2-1	2-2	2-3	2-3A	2-3B	2-3C	2-4	A	B	
Initial Declaration	✓	✓	✓	✓	✓	✓			①	②	See Note
Initial Report on Exports and Imports	✓	✓				✓			①	②	See Note
Annual Declaration on Past Activities	✓	✓	✓	✓	✓	✓			①	②	See Note February 28
Annual Report on Exports and Imports	✓	✓				✓			①	②	See Note February 28
Annual Declaration on Anticipated Activities	✓	✓	✓	✓	✓		✓		①	②	September 3 of each year prior to the calendar year in which anticipated activities will take place
Declaration on Additionally Planned Activities	✓	✓					✓		①	②	15 calendar days prior to the export or import
Declaration on Chemical Produced at any time since 1 January 1946 for Chemical Weapons (CW) Purposes	✓	✓	✓					✓	①	②	See Note
Amended Declaration ¹	✓	✓							①	②	
Amended Report ¹	✓	✓							①	②	

✓ - Form Required ① - Attach, as appropriate ② - Optional

Listing of Forms

Certification Form

Form 2-1	Schedule 2 Plant Site or Trading Company Identification
Form 2-2	Declaration on Schedule 2 Plant
Form 2-3	Declaration or Report on Schedule 2 Chemical
Form 2-3A	Declaration on Schedule 2 Chemical Sold or Transferred from the Plant Site in the United States
Form 2-3B	Exports and Imports of Schedule 2 Chemical

(continued)

1. Also, submit the specific form(s) being amended.

Form 2-3C	Declaration on Anticipated or Additionally Planned Activities of Schedule 2 Chemical
Form 2-4	Declaration on Schedule 2 Chemical Produced at any time Since 1 January 1946 for Chemical Weapons (CW) Purposes
Form A	Attachments for Schedule 2 Plant Site or Trading Company (attach, as appropriate)
Form B	Optional Comments

Note: The following Schedule 2 declarations and reports must be submitted to the Bureau of Export Administration within 90 days after the publication of the interim rule implementing the CWCR: Declaration on Schedule 2 Chemical Produced at Any Time Since 1 January 1946 for Chemical Weapons (CW) Purposes; Initial Declaration (for calendar years 1994, 1995 and 1996); Initial Report on Exports and Imports (calendar year 1996); Annual Declaration on Past Activities (for calendar years 1997, 1998, and 1999); and Annual Reports on Exports and Imports (for calendar years 1997, 1998, and 1999).

CERTIFICATION FORM Schedule 2 Declaration or Report

Declaration and reporting requirements are set forth in Part 713 of the CWC Regulations (15 CFR 713).

A separate Certification Form is required for:

- a) each Schedule 2 plant site that has declaration requirements (declared plant site);
- b) each Schedule 2 plant site with Schedule 2 reporting requirements;
- c) each trading company with reporting requirements; and,
- d) each plant site that produced any quantity of a Schedule 2 chemical at any time since 1 January 1946, for chemical weapons (CW) purposes (declared plant site).

This form serves several purposes, including:

- a) identifying a Point of Contact;
- b) certifying the accuracy of the submitted declaration;
- c) identifying the type of declaration or report submitted;
- d) listing the declaration forms submitted.

Questions C.1 through C.5 Name of Declaration or Report Point of Contact (D/R-POC) and Other Requested Information: Designate a D/R-POC. The D/R-POC should be a person whom the Department of Commerce may contact for: (1) the purposes of clarification of information provided in the declaration or report; and (2) for general information. The D/R-POC need not be the person who prepares the forms or signs the Certification Form.

Question C.6 Certification: The Certification must be signed by the owner, operator or senior management official who certifies the accuracy and completeness of the information submitted. The Certification signature block must contain an original signature.

Question C.7 Type of Declaration or Report: Check the appropriate box for the type of declaration or report being submitted (e.g., initial, past activities, anticipated or additionally planned activities, exports and imports, and amended) and indicate the year(s) for which the information applies.

The INITIAL DECLARATION provides plant site and plant information and information on production, processing, consumption, domestic transfer, export and import of a Schedule 2 chemical. For purposes of the INITIAL DECLARATION, a plant site is a declared Schedule 2 plant site if one or more plants on the plant site individually produced, processed or consumed a Schedule 2 chemical above the applicable threshold in any one of the calendar years 1994, 1995 or 1996. Declared Schedule 2 plant sites must submit production, processing, consumption, domestic transfer, export and import information for each of the calendar years 1994, 1995 and 1996.

The INITIAL REPORT provides information on exports and imports of a Schedule 2 chemical above the applicable threshold from or to a plant site or trading company for calendar year 1996.

The ANNUAL DECLARATION ON PAST ACTIVITIES provides information on the production, processing, consumption, domestic transfer, export and import of a Schedule 2 chemical by a declared Schedule 2 plant site for the previous calendar year. A plant site must submit an ANNUAL DECLARATION ON PAST ACTIVITIES if one or more plants on the plant site produced, processed or consumed a Schedule 2 chemical above the applicable threshold during any one of the three previous calendar years. The ANNUAL DECLARATION ON PAST ACTIVITIES is submitted for the previous year only - not for each of the three previous years.

The ANNUAL REPORT ON EXPORTS AND IMPORTS, submitted by plant sites and trading companies, provides information on exports and imports of a Schedule 2 chemical above the applicable thresholds.

The ANNUAL DECLARATION ON ANTICIPATED ACTIVITIES provides information on the production, processing and consumption of a Schedule 2 chemical by a plant site that has at least one plant that anticipates producing, processing or consuming a Schedule 2 chemical above the applicable declaration threshold in the next calendar year.

The DECLARATION ON ADDITIONALLY PLANNED ACTIVITIES provides information on additional activities planned after submission of the Annual Declaration on Anticipated Activities, (e.g., increased production, processing or consumption of a previously declared Schedule 2 chemical at any plant on your plant site by 20% or more of the originally declared amount). NOTE: This declaration is due 15 days before the additionally planned activities can begin.

Note that declarations on the production, processing, consumption, domestic transfer, export and import of a Schedule 2 chemical by declared plant sites will be transmitted to the OPCW and will also be used to compile the U.S. national aggregate declaration. Reports on exports and imports of Schedule 2 chemicals are not submitted to the OPCW, but are used to compile the U.S. national export and import aggregate declaration.

Question C.8 Forms Submitted: Check the appropriate box for each form that is included in the submission.

CWC SCHEDULE 2 DECLARATION OR REPORT

PLANT SITE OR TRADING COMPANY NAME:

U.S. PLANT SITE OR TRADING COMPANY
CODE (once assigned):

FORM 2-1 SCHEDULE 2 PLANT SITE OR TRADING COMPANY IDENTIFICATION

Submit this form for each declared Schedule 2 plant site, undeclared Schedule 2 plant site or trading company. You must submit this form for each type of declaration or report (initial, past activities, anticipated or additionally planned activities, exports and imports, and amended).

2-1.1

Owner:

Telephone Number: ()

Fax Number: ()

2-1.2

Operator:

Telephone Number: ()

Fax Number: ()

2-1.3

Street Address:

City:

State:

Zip Code:

2-1.4

Provide the geographic coordinates of the center of the plant site (see Supplement No. 1).

a. Latitude (Deg/ Min/ Sec/ N): / / / N

b. Longitude (Deg/ Min/ Sec/ W): / / / W

Check this box if you have attached to Form A any additional information on this plant site. ☐**2-1.5**

The number of declared Schedule 3 plants at this Schedule 2 plant site: _____

Designation of Inspection Point of Contact (I-POC) for inspection notifications involving this plant site.

NOTE: The Department of Commerce must be able to reach the designated I-POCs at all hours through the telephone number(s) below.

2-1.6.1

Name of I-POC:

I-POC's Primary Telephone Number:

()

ext:

I-POC's Alternate Telephone Number:

()

ext:

I-POC's Fax Number:

()

2-1.6.2

Name of I-POC (optional):

I-POC's Primary Telephone Number:

()

ext:

I-POC's Alternate Telephone Number:

()

ext:

I-POC's Fax Number:

()

FORM 2-1 Schedule 2 Plant Site or Trading Company Identification

Declaration and reporting requirements are set forth in Part 713 of the CWC Regulations (15 CFR 713).

Submit this form for each declared Schedule 2 plant site, Schedule 2 plant site or trading company. Declared Schedule 2 plant sites must submit this form for each type of declaration or report (initial, past activities, anticipated or additionally planned activities, exports and imports, and amended) and complete questions 2-1.1 through 2-1.5. In addition, declared plant sites subject to initial or routine inspection must complete question 2-1.6. Schedule 2 plant sites and trading companies must report exports and imports above the applicable threshold quantity by completing only questions 2-1.1 through 2-1.3 for their initial and past reporting requirements. NOTE: See Section 713.4(d) for reporting alternatives for declared plant sites.

Declared Schedule 2 plant sites which have produced a Schedule 2 chemical for chemical weapons (CW) purposes since 1 January 1946, must complete questions 2-1.1 through 2-1.4 on this form

Submit Form A to identify any additional information (e.g., site diagrams, maps, drawings, chemical structural formulas) you submit with your completed forms package.

Submitters should assign a unique name to the plant site or trading company and record the name in the appropriate box in the upper right-hand corner of Form 2-1. The Department of Commerce will provide each submitter with a unique code. This code, hereafter referred to as a "U.S. Plant Site or Trading Company Code," will be the primary means of identifying a plant site or trading company after the first declaration or report is submitted and the Department of Commerce assigns a

code. The submitters should use this code on all future declarations or reports.

Questions 2-1.1 through 2-1.3: Provide the name and telephone and fax numbers of the owner and the operator or the occupant or the agent in charge of the plant site or trading company. Provide the address of the plant site or trading company. **DO NOT PROVIDE A POST OFFICE BOX.**

Questions 2-1.4: Provide the latitude and longitude for the center of the plant site using the following formats (see Supplement No. 1 for guidelines on determining geographic coordinates):

Latitude: 00(degree)/00(minute)/00(second)/N
Longitude: 000(degree)/00(minute)/00(second)/W

If the geographic coordinates are not for the center of the plant site, you must attach to Form A an explanation of the coordinates (e.g., front gate, Building No. 15). Also, use Form A to identify any additional information (e.g., maps, drawings) that you have attached to this declaration to locate this plant site with reference to the declared coordinates. (Check the box if you are submitting Form A with attachments.)

Question 2-1.5: Identify the number of declared Schedule 3 plants, if any, within this declared Schedule 2 plant site.

Question 2-1.6: Designate an Inspection Point of Contact (I-POC) and provide telephone and fax numbers so the U.S. Government may notify you of inspections of your plant site. You may also designate an Alternate I-POC. The U.S. Government must be able to contact the I-POCs on a 24 hour basis.

CWC SCHEDULE 2 PLANT DECLARATION

PLANT NAME:

PLANT CODE (once assigned):

PLANT SITE NAME OR U.S. PLANT SITE CODE
(once assigned):

FORM 2-2 DECLARATION ON SCHEDULE 2 PLANT

Submit this form for each declared Schedule 2 plant at the plant site. Use this form for all declarations (initial, past activities, anticipated or additionally planned activities, and amended).

2-2.1

Owner:

Telephone Number: ()

Fax Number: ()

2-2.2

Operator:

Telephone Number: ()

Fax Number: ()

2-2.3

Structure Name or Building Number:

2-2.4**Provide any additional information that will assist in identifying the location of this plant.**Check this box if you have attached any additional information on the plant to Form A. ☐**2-2.5****Provide the Product Group Codes to describe products at this plant (see Supplement No. 2).****2-2.6****Identify the declared Schedule 2 activities at this plant (check all that apply):**☐ Production☐ Processing☐ Consumption**2-2.7****Is this plant dedicated to any Schedule 2 activity listed in 2-2.6 ☐, multi-purpose ☐ or other ☐ (check one)?****If multipurpose, specify other activities:** ☐ Storage ☐ Re-packaging, distribution ☐ R&D (check all that apply)

Complete the following for each declared Schedule 2 chemical that was/will be produced, processed or consumed at this plant.

2-2.8.1

a. Chemical Name:

b. CAS Registry No.:

c. Production Capacity:
_____metric ton(s)/yeard. Calculation Method
☐ Nameplate ☐ Design**2-2.8.2**

a. Chemical Name:

b. CAS Registry No.:

c. Production Capacity:
_____metric ton(s)/yeard. Calculation Method
☐ Nameplate ☐ Design**2-2.8.3**

a. Chemical Name:

b. CAS Registry No.:

c. Production Capacity:
_____metric ton(s)/yeard. Calculation Method
☐ Nameplate ☐ Design**2-2.8.4**

a. Chemical Name:

b. CAS Registry No.:

c. Production Capacity:
_____metric ton(s)/yeard. Calculation Method
☐ Nameplate ☐ Design**2-2.8.5**

a. Chemical Name:

b. CAS Registry No.:

c. Production Capacity:
_____metric ton(s)/yeard. Calculation Method
☐ Nameplate ☐ Design

If additional pages of Form 2-2 for this plant are attached, indicate the total number of pages as follows:

page ____ of ____ (e.g., page x of y)

FORM 2-2 Declaration of Schedule 2 Plant

Declaration and reporting requirements are set forth in Part 713 of the CWC Regulations (15 CFR 713).

Submit this form for each declared Schedule 2 plant at the plant site and for each type of declaration (e.g., initial, past activities, anticipated or additionally planned activities, and amended). Declared Schedule 2 plants which have produced any amount of Schedule 2 chemical for chemical weapons (CW) purposes at any time since 1 January 1946, must also complete this form.

Note: Submitters that only have reporting requirements for exports or imports of a Schedule 2 chemical are not required to submit this form.

For the INITIAL DECLARATION, you must submit this form if your plant produced, processed, or consumed a Schedule 2 chemical above the applicable threshold in any of the calendar years 1994, 1995, or 1996. If your plant did not produce, process or consume a Schedule 2 chemical above the applicable threshold in any of those three years, you do not complete Form 2-2 and your plant does not have an INITIAL DECLARATION requirement.

For the ANNUAL DECLARATION ON PAST ACTIVITIES, you must review your plant's records for the three previous years to determine if in any one of those years it produced, processed or consumed a Schedule 2 chemical above the applicable threshold. If a plant exceeded the applicable threshold in any one of those years, you have a declaration requirement for the previous year, even if it produced, processed or consumed the Schedule 2 chemical below the applicable threshold in that year. See the EXAMPLE in the instructions for Form 2-3.

For the ANNUAL DECLARATION ON ANTICIPATED ACTIVITIES, you must declare if you anticipate a plant will produce, process or consume a Schedule 2 chemical above the applicable threshold in the next calendar year. You must also complete Form 2-3.

Submitters should assign a unique name to the plant at the plant site. Record the plant and plant site names in the appropriate boxes in the upper-right hand corner of Form 2-2. The Department of Commerce will provide each submitter with a unique code for each declared plant and plant site. These codes, "U.S. Plant Code" and "U.S. Plant Site Code," will be the primary means of identifying both a plant and plant site after the first declaration is submitted and the Department of Commerce has assigned the codes. Submitters should use these codes on all future declarations for a particular plant or plant site.

Questions 2-2.1 through 2-2.3: Provide the name and telephone and fax numbers of the owner and the operator or the occupant or the agent in charge of the plant. Provide the building name or structure number, if any, used to designate the plant.

Question 2-2.4: Provide any additional information that will assist in identifying the location of this plant on the plant site (e.g., latitude and longitude, street address, landmarks).

Use Form A to identify any additional information (e.g., site diagrams, maps, drawings) that you are attaching to this declaration to locate this plant with reference to the declared coordinates. (Check the box if you are submitting an attachment to Form A.)

Question 2-2.5: For the main activities at your plant, provide one or more product group code(s) (Standard International Trade Classification (SITC) code) that describes the type of ultimate products manufactured at the plant.

Question 2-2.6: Check the activity or activities for which this plant is declared. You should only check those activities for which this plant has exceeded the applicable declaration threshold. (Declaration thresholds for Schedule 2 chemicals are listed in 15 CFR Part 713).

Question 2-2.7: Check the appropriate box to indicate whether the plant is dedicated to any Schedule 2 activity (as listed in question 2-2.6), or is multipurpose, or is an "other" type of plant. A plant is multipurpose if it engages in production, processing or consumption of Schedule 2 chemicals and if it also engages in other activities (e.g., storage, repackaging, distribution, and R&D).

Question 2-2.8: Provide this information for each Schedule 2 chemical produced, processed or consumed or anticipated to be produced, processed or consumed at this plant over the applicable threshold. For each Schedule 2 chemical, provide the name of the chemical, and the CAS Registry Number. For those Schedule 2 chemicals that you produce, provide the production capacity and the calculation method in questions 2-2.8.X(c) and (d). (See the definition of "production capacity" noted below.) Round the production capacity to the nearest metric ton. If you processed or consumed the Schedule 2 chemical, do not complete questions 2-2.8.X(c) or (d).

For the INITIAL DECLARATION, provide the production capacity for each Schedule 2 chemical for calendar year 1996 only. For the ANNUAL DECLARATION ON PAST ACTIVITIES, or ANNUAL DECLARATION ON ANTICIPATED ACTIVITIES, if you have already submitted an initial declaration or a previous annual declaration on past activities for a specific Schedule 2 chemical, and the production capacity for that Schedule 2 chemical has not changed, state "No change" under 2-2.9x(c) otherwise, declare the new production capacity. For the DECLARATION ON PAST PRODUCTION FOR CHEMICAL WEAPONS PURPOSES, provide your current production capacity for each Schedule 2 chemical.

Production capacity is defined as the annual quantitative potential for manufacturing a specific chemical based on the technological process actually used at the relevant plant. The capacity shall be deemed to be equal to the nameplate capacity or, if the nameplate capacity is not available, to the design capacity. For the purpose of Question 2-2.8, nameplate capacity is the product output under conditions optimized for maximum quantity for the production facility, as demonstrated by one or more test runs and design capacity is the corresponding theoretically calculated product output, without test data or other supportive plant specific information. The production capacity of a multipurpose plant producing one Schedule 2 chemical along with other chemicals is calculated by assuming that the plant would be used solely for the production of that Schedule 2 chemical over a period of one year.

If there is an insufficient number of blocks to record all of your chemicals, use additional copies of Form 2-2. Indicate the page number of each additional page and total number of pages of Form 2-2.

CWC SCHEDULE 2 CHEMICAL DECLARATION

PLANT SITE NAME:

U.S. PLANT SITE CODE (once assigned):

FORM 2-3 DECLARATION ON SCHEDULE 2 CHEMICAL

Submit this form to provide information on each declared Schedule 2 chemical. Use this form for all declarations (initial, past activities, anticipated or additionally planned activities, and amended).

CAS REGISTRY NO.:

CHEMICAL NAME:

COMMON OR TRADE NAME(S):

Check this box if you have attached a structural formula for this chemical to Form A. ☐

INSERT THE YEAR TO WHICH THE DECLARATION APPLIES (YYYY):

Provide the amount of the Schedule 2 chemical that was/will be produced, processed, and/or consumed by declared plants on the plant site (check all that apply).

2-3.1☐ ProducedIf produced, specify quantity (check one box): _____ ☐ kilograms ☐ metric tons**2-3.2**☐ ProcessedIf processed, specify quantity (check one box): _____ ☐ kilograms ☐ metric tons**2-3.3**☐ ConsumedIf consumed, specify quantity (check one box): _____ ☐ kilograms ☐ metric tons

Identify in questions 2-3.4 through 2-3.6 the purposes for which the Schedule 2 chemical was/will be produced, processed and/or consumed.

2-3.4

Provide the Product Group Codes for chemicals processed and/or consumed at the plant site (see Supplement No. 2).

2-3.5

Sales or transfers of the chemical within the United States? (If yes, submit Form 2-3A.)

☐ YES ☐ NO**2-3.6**Identify the **other purposes** for which the declared chemical was/will be produced, processed or consumed (check all that apply):

Was/will be produced, processed or consumed:

☐ Storage☐ Re-packaging, distribution☐ R&D

Complete these questions if the plant site exported or imported this chemical in the previous calendar year.

2-3.7

a. Has the chemical been directly exported by the plant site above the applicable threshold quantity? (If YES, submit Form 2-3B.)

☐ YES ☐ NO

b. Total quantity exported: _____ metric tons

c. Identify the destinations to which the chemical was exported (see Supplement No. 3).

2-3.8

a. Has the chemical been directly imported by the plant site above the applicable threshold quantity? (If YES, submit Form 2-3B.)

☐ YES ☐ NO

b. Total quantity imported: _____ metric tons

Complete this question only for declarations on anticipated exports.

2-3.9

Will the chemical be directly exported by the plant site in the next calendar year?

☐ YES ☐ NO

If yes, identify the countries to which the chemical will be exported (see Supplement No. 3).

FORM 2-3 Declaration of Schedule 2 Chemical

Declaration and reporting requirements are set forth in Part 713 of the CWC Regulations (15 CFR 713).

Submit this form for each Schedule 2 chemical produced, processed or consumed above the applicable threshold at the plant site. Use this form for all types of declarations (initial, past activities, anticipated or additionally planned activities, and amended). If you check "Yes" in questions 2-3.7 and/or 2-3.8, you must also complete Form 2-3B.

For the INITIAL DECLARATION, you must submit a separate form for calendar years 1994, 1995, and 1996, if one or more plants on your plant site produced, processed, or consumed a Schedule 2 chemical above the applicable threshold in any of those three years. If your plant site did not produce, process, or consume a Schedule 2 chemical above the applicable threshold in any of those three years, you do not have an INITIAL DECLARATION requirement. Do not complete Question 2-3.9.

For the ANNUAL DECLARATION ON PAST ACTIVITIES, you must review your records for the three previous years to determine if in any one of those years one or more plants on your plant site produced, processed, or consumed a Schedule 2 chemical above the declaration threshold. If your plant site exceeded the applicable threshold in one or more of those three years, you have a declaration requirement for the past year and you must complete this form.

Example: For the ANNUAL DECLARATION ON PAST ACTIVITIES during 1998, you must review your records for 1998, 1997, and 1996 to determine if in any of those three years you produced, processed or consumed a Schedule 2 chemical above the applicable threshold. In 1998, you produced chemical X below the applicable threshold; in 1997, you produced chemical X above threshold, and in 1996 you produced chemical X below threshold. You must declare a production figure for 1998 because you produced chemical X above the applicable threshold for in 1997. If you have not produced above the applicable threshold in 1998, you enter "0" as your production figure.

You must also follow the same steps above to determine if you have a declaration requirement for processing and/or consumption of that Schedule 2 chemical. If you were below the threshold for the Schedule 2 chemical for all three years for all three activities, you do not have a declaration requirement. Do not complete Question 2-3.9.

For the ANNUAL DECLARATION ON ANTICIPATED ACTIVITIES, you must declare if you anticipate you will produce, process, or consume a Schedule 2 chemical above the applicable threshold. You must complete this form, except for questions 2-3.7 and 2-3.8.

In addition to declaring production, processing or consumption of a specific Schedule 2 chemical, this form requires you to indicate exports from or imports to your plant site above the applicable declaration threshold for that same Schedule 2 chemical. Note that to determine whether exports from or imports to your plant site exceeded the applicable threshold quantities, you must aggregate all exports from or imports to the entire plant site (e.g., you would aggregate exports of this Schedule 2 chemical from all plants on the plant site, not only from plants declared because of production, processing, or consumption). If your plant site does have declaration requirements for exports and/or imports of this Schedule 2 chemical, you will check the appropriate "YES" box in question 2-3.7 (exports) or 2-3.8 (imports) and you will also complete Form 2-3B to provide additional information on the quantity exported to recipient countries or quantities imported from source countries.

In the upper right-hand corner of this form, enter the Plant Site Name or the U.S. Plant Site Code (once assigned) that you entered on

Form 2-1 (Schedule 2 Plant Site or Trading Company Identification).

For each Schedule 2 chemical being declared, provide the CAS Registry number, if assigned, Chemical Name and Common or Trade Name. If the chemical is not specifically listed by Chemical Name and CAS Registry Number in Supplement No. 1 to Part 713 of the CWC Regulation (15 CFR 713), you must attach the structural formula of the chemical to Form A. Check the box to indicate that you have attached the structural formula. Insert the calendar year for which the declaration or report applies (i.e., YYYY).

Question 2-3.1: For each Schedule 2 chemical, add the production amount from each declared plant whose production was above the applicable threshold and declare the total production of that Schedule 2 chemical for the plant site.

Question 2-3.2: For each Schedule 2 chemical, add the processing amount from each declared plant whose processing was above the applicable threshold and report the total processing of that Schedule 2 chemical for the plant site.

Question 2-3.3: For each Schedule 2 chemical, add the consumption amount from each declared plant whose consumption was above the applicable threshold and report the total consumption of that Schedule 2 chemical for the plant site.

For the chemical BZ, you should report all quantities to the nearest tenth of a kilogram (e.g., 0.x kg). For the chemical PFIB and the Amiton family, you should report all quantities to the nearest kilogram or thousandth of a metric ton (e.g., x.00 kg or 0.00x metric tons). For all other Schedule 2 chemicals, you should report quantities to the nearest ten kilograms or hundredth of a metric ton (e.g., x0.0 kg, or 0.0x metric tons).

NOTE to Questions 2-3.1 through 2-3.3: If you did not exceed the applicable threshold for a declared activity (produced, processed or consumed), enter "zero."

Question 2-3.4: Identify the Product Group Codes for which the Schedule 2 chemical was or will be processed and/or consumed by using the Standard International Trade Classification Codes (SITC Code) in Supplement No. 2. Provide up to five chemical Product Group Codes that contain the largest percentage of the Schedule 2 chemical. Declaration thresholds do not apply.

Question 2-3.5: For each Schedule 2 chemical, add the quantities of sales and transfers that have occurred or will occur within the United States. If the sum exceeds the applicable threshold, then answer "yes" and submit Form 2-3A. If the sum does not exceed the applicable threshold, answer "no."

Question 2-3.6: Check the appropriate box(es) if the Schedule 2 chemical was or will be produced, processed or consumed for any of the listed "other purposes."

Questions 2-3.7 and 2-3.8: If the exports from (question 2-3.7) or imports to (questions 2-3.8) the declared and undeclared plants on the plant site exceed the declaration threshold, answer "yes," specify the quantity involved, and submit Form 2-3B. If the exports or imports do not exceed the applicable threshold, answer "no." Enter the Destination Codes using Supplement No. 3.

Question 2-3.9: If you anticipate the sum of exports will be more than the applicable Schedule 2 chemical declaration threshold during the next year, check the "yes" box and specify the destinations to which you may export. Enter the Destination Codes using Supplement No. 3. If you do not anticipate the sum of your exports will exceed the declaration threshold, check the "no" box.

<h1 style="margin: 0;">CWC SCHEDULE 2 DECLARATION ON DOMESTIC SALES OR TRANSFERS</h1>		PLANT SITE NAME: <hr/> U.S. PLANT SITE CODE (once assigned):		
FORM 2-3A DECLARATION ON SCHEDULE 2 CHEMICAL SOLD OR TRANSFERRED FROM THE PLANT SITE IN THE UNITED STATES				
INSERT THE YEAR TO WHICH THE DECLARATION APPLIES (YYYY):				
Submit this form to identify the destination types (i.e., other industry, trader or other destination) for each Schedule 2 chemical sold or transferred within the United States.				
2-3A.1	CAS REGISTRY No.:	Chemical Name:		
	Identify the destination type for the Schedule 2 chemical that was/will be sold or transferred (check all that apply).			
	Other Industry <input type="checkbox"/>	Trader <input type="checkbox"/>	Other Destination <input type="checkbox"/>	
	Provide the Product Group Codes (see SITC Codes in Supplement No. 2).			
2-3A.2	CAS REGISTRY No.:	Chemical Name:		
	Identify the destination type for the Schedule 2 chemical that was/will be sold or transferred (check all that apply).			
	Other industry <input type="checkbox"/>	Trader <input type="checkbox"/>	Other Destination <input type="checkbox"/>	
	Provide the Product Group Codes (see SITC Codes in Supplement No. 2).			
2-3A.3	CAS REGISTRY No.:	Chemical Name:		
	Identify the destination type for the Schedule 2 chemical that was/will be sold or transferred (check all that apply).			
	Other industry <input type="checkbox"/>	Trader <input type="checkbox"/>	Other Destination <input type="checkbox"/>	
	Provide the Product Group Codes (see SITC Codes in Supplement No. 2).			
2-3A.4	CAS REGISTRY No.:	Chemical Name:		
	Identify the destination type for the Schedule 2 chemical that was/will be sold or transferred (check all that apply).			
	Other industry <input type="checkbox"/>	Trader <input type="checkbox"/>	Other Destination <input type="checkbox"/>	
	Provide the Product Group Codes (see SITC Codes in Supplement No. 2).			

If additional pages of Form 2-3A for this Plant Site are attached, indicate the total number of pages as follows:
 page ___ of ___ (e.g. page x of y)

FORM 2-3A Declaration of Schedule 2 Chemical Sold or Transferred from the Plant Site in the United States

Declaration and reporting requirements are set forth in Part 713 of the CWC Regulations (15 CFR 713).

Submit this form to identify each Schedule 2 chemical declared on Form 2-3, question 2-3.5, that was or will be sold and/or transferred domestically. This information pertains to Schedule 2 chemicals that were or will be produced, processed or consumed at the plant site.

For the INITIAL DECLARATION, submit this form for 1994, 1995 and 1996 if you sold or transferred the Schedule 2 chemical above the applicable threshold in any of those years.

For the ANNUAL DECLARATION ON PAST ACTIVITIES, review your records for the previous three years to determine if in any of these years you sold or transferred domestically the Schedule 2 chemical above the applicable threshold. If you did sell or transfer a chemical above the threshold, you must submit this form.

For the ANNUAL DECLARATION ON ANTICIPATED ACTIVITIES, submit this form if you anticipate you will sell or transfer domestically the Schedule 2 chemical above the applicable threshold in the next year.

In the upper right-hand corner of this form, enter the Plant Site Name or the U.S. Plant Site Code (once assigned) that you

entered on Form 2-1 (Schedule 2 Plant Site or Trading Company Identification).

Question 2-3A.x: Provide the CAS Registry Number, if assigned, and the Chemical Name, if known, in the appropriate space on the form for each chemical.

Identify the destination type for each chemical sold and/or domestically transferred. The destination types include **Other Industry** which may be another plant site owned by your company or another manufacturing company. **Trader** includes distributors and shippers, including companies engaged in international trade. **Other Destinations** include waste treatment or recycling facilities or other miscellaneous facilities.

Specify the SITC Code for up to five chemical product groups that contain the largest percentage of the Schedule 2 chemical. The SITC Codes are listed in Supplement No. 2.

If there is an insufficient number of blocks to record all of your domestic transfers, use additional copies of Form 2-3A. Indicate the page number of each additional page and total number of pages of Form 2-3A that are included in this submission using the format "page x of y" (as described at the bottom of Form 2-3A).

CWC SCHEDULE 2 DECLARATION OR REPORT

PLANT SITE OR TRADING COMPANY NAME:

U.S. PLANT SITE OR TRADING COMPANY
CODE (once assigned):**FORM 2-3B EXPORTS AND IMPORTS OF SCHEDULE 2 CHEMICAL****Submit this form for each Schedule 2 chemical exported and/or imported above the applicable threshold.**

CAS REGISTRY NO.:

CHEMICAL NAME:

Check this box if you have attached a structural formula for this chemical to Form A. ☐

INSERT THE YEAR TO WHICH THE DECLARATION OR REPORT APPLIES (YYYY):

Export		Import	
2-3B.1.1	a. Quantity exported: <input type="checkbox"/> kilograms <input type="checkbox"/> metric tons b. Recipient Destination (use Destination Codes in Supplement No. 3):	2-3B.2.1	a. Quantity imported: <input type="checkbox"/> kilograms <input type="checkbox"/> metric tons b. Source Destination (use Destination Codes in Supplement No. 3):
2-3B.1.2	a. Quantity exported: <input type="checkbox"/> kilograms <input type="checkbox"/> metric tons b. Recipient Destination (use Destination Codes in Supplement No. 3):	2-3B.2.1	a. Quantity imported: <input type="checkbox"/> kilograms <input type="checkbox"/> metric tons b. Source Destination (use Destination Codes in Supplement No. 3):
2-3B.1.3	a. Quantity exported: <input type="checkbox"/> kilograms <input type="checkbox"/> metric tons b. Recipient Destination (use Destination Codes in Supplement No. 3):	2-3B.2.1	a. Quantity imported: <input type="checkbox"/> kilograms <input type="checkbox"/> metric tons b. Source Destination (use Destination Codes in Supplement No. 3):
2-3B.1.4	a. Quantity exported: <input type="checkbox"/> kilograms <input type="checkbox"/> metric tons b. Recipient Destination (use Destination Codes in Supplement No. 3):	2-3B.2.1	a. Quantity imported: <input type="checkbox"/> kilograms <input type="checkbox"/> metric tons b. Source Destination (use Destination Codes in Supplement No. 3):
2-3B.1.5	a. Quantity exported: <input type="checkbox"/> kilograms <input type="checkbox"/> metric tons b. Recipient Destination (use Destination Codes in Supplement No. 3):	2-3B.2.1	a. Quantity imported: <input type="checkbox"/> kilograms <input type="checkbox"/> metric tons b. Source Destination (use Destination Codes in Supplement No. 3):

If additional pages of Form 2-3B for this chemical are attached, indicate the total number of pages as follows:

page ____ of ____ (e.g., page x of y)

FORM 2-3B Exports and Imports of a Schedule 2 Chemical

Declaration and reporting requirements are set forth in Part 713 of the CWC Regulations (15 CFR 713).

All plant sites and trading companies that have exported and/or imported a Schedule 2 chemical above the applicable threshold in the previous calendar year must submit this form. Use this form for all types of declarations or reports: initial, past activities, exports and imports, and amended. You do not use this form to declare exports as part of your Annual Declaration on Anticipated Activities.

You have a declaration or reporting requirement if the total exports from or imports to your entire plant site (not individual declared plants) or your trading company exceeded the applicable threshold for the Schedule 2 chemical.

If your plant site has declared a specific Schedule 2 chemical for production, processing or consumption reasons, and has also checked “Yes” in questions 2-3.7 and/or 2-3.8 on Form 2-3, then you must submit this form as part of your INITIAL DECLARATION and/or your ANNUAL DECLARATION ON PAST ACTIVITIES.

If your plant site has not declared a specific Schedule 2 chemical for production, processing or consumption, but has exported or imported a Schedule 2 chemical above the applicable declaration threshold, you must submit this form as part of your INITIAL REPORT and/or your ANNUAL REPORT ON EXPORTS AND IMPORTS. If your trading company has exported or imported a Schedule 2 chemical above the applicable declaration threshold, you must submit this form as part of your INITIAL REPORT and/or your ANNUAL REPORT ON EXPORTS AND IMPORTS.

Plant Sites declaring a specific Schedule 2 chemical:

INITIAL DECLARATION. If your plant site has an INITIAL declaration requirement for the production, processing or consumption of a Schedule 2 chemical and has also exported and/or imported that Schedule 2 chemical above the applicable declaration threshold in 1994, 1995 and/or 1996, you must complete this form for each year in which the export or import exceeded that threshold.

ANNUAL DECLARATION ON PAST ACTIVITIES. If your plant site has a declaration requirement for the past production, processing or consumption of a Schedule 2 chemical and has also exported and/or imported that Schedule 2 chemical above the applicable threshold in the previous calendar year, you must also complete this form.

NOTE: A plant site that is declared because of the production, processing or consumption of one Schedule 2 chemical may also have a reporting requirement for exports or imports of another Schedule 2 chemical that it did not produce, process or consume over the applicable declaration threshold.

Plant Sites that have not declared a specific Schedule 2 chemical for production, processing or consumption and all Trading Companies:

If your plant site does not have an INITIAL DECLARATION requirement for a Schedule 2 chemical, but your entire plant site exported or imported that Schedule 2 chemical above the applicable

threshold in 1996, you must submit an INITIAL REPORT ON EXPORTS AND IMPORTS on this form. If your trading company exported or imported a Schedule 2 chemical above the applicable declaration threshold in 1996, you must submit an INITIAL REPORT on this form.

If your plant site does not have an ANNUAL DECLARATION ON PAST ACTIVITIES for a Schedule 2 chemical, but your entire plant site exported or imported that Schedule 2 chemical above the applicable threshold in the previous calendar year, you must submit an ANNUAL REPORT ON EXPORTS AND IMPORTS on this form. If your trading company exported or imported a Schedule 2 chemical above the applicable threshold in the previous calendar year, you must submit an ANNUAL REPORT ON EXPORTS AND IMPORTS on this form.

In the upper right-hand corner of this form, enter a Plant Site or Trading Company Name, and/or the U.S. Plant Site or Trading Company Code (once assigned) that you entered on Form 2-1 (Schedule 2 Plant Site or Trading Company Identification).

For each exported or imported Schedule 2 chemical being declared or reported, provide the CAS Registry Number, if assigned, and the Chemical Name. If the chemical is not specifically listed by Chemical Name and CAS Registry Number in Supplement No. 1 to part 713 of the CWC Regulation (15 CFR 713), you must attach the structural formula of the chemical to Form A. Check the box to indicate that you have attached the structural formula.

Questions 2-3B.1 and 2-3B.2: Use a separate form 2-3B for each Schedule 2 chemical. Total the annual exports to each destination and total the annual imports from each destination. Use a separate block in Question 2-3B.1 and 2-3B.2 to indicate the quantities exported to each recipient destination and the quantities imported from each source destination.

NOTE: Only indicate the total annual quantity exported to or imported from a specific destination if the total annual quantity to or from that destination is more than 1% of the applicable threshold. Refer to **Figure A**. However, in determining whether your total exports and imports worldwide for the year in question trigger declaration or reporting requirements, you must include all exports and imports, including exports and imports falling within the 1% exemption in your calculation.

Schedule 2 Chemical	Threshold Quantity to Determine Declaration or Report Requirements	Threshold for Declaring or Reporting for a Specific Country
Schedule 2A(3)	> 1 Kg	> 10 grams
Schedule 2A(1) and(2)	> 100 Kg	> 1 Kg
Schedule 2B	> 1 Metric Ton	> 10 Kg

Figure A.

If additional spaces are needed to report all declarable or reportable export and/or import transactions, use additional copies of this form. Number the pages as shown on the bottom of the form.

<h1 style="margin: 0;">CWC SCHEDULE 2 DECLARATION</h1>		PLANT SITE NAME:
		U.S. PLANT SITE CODE (once assigned):
FORM 2-3C DECLARATION ON ANTICIPATED OR ADDITIONALLY PLANNED ACTIVITIES OF SCHEDULE 2 CHEMICAL		
Submit this form for each Schedule 2 chemical that will be produced, processed or consumed above the applicable threshold at the plant site during the next calendar year.		
CAS REGISTRY NO.:	CHEMICAL NAME:	
Check this box if you have attached a structural formula for this chemical to Form A. <input type="checkbox"/>		
2-3C.1.1	<input type="checkbox"/> Production	a. Starting Date (YYYY-MM):
		b. Ending Date (YYYY-MM):
		c. Specify total quantity: _____ <input type="checkbox"/> kilograms <input type="checkbox"/> metric tons
2-3C.1.2	<input type="checkbox"/> Production	a. Starting Date (YYYY-MM):
		b. Ending Date (YYYY-MM):
		c. Specify total quantity: _____ <input type="checkbox"/> kilograms <input type="checkbox"/> metric tons
2-3C.1.3	<input type="checkbox"/> Production	a. Starting Date (YYYY-MM):
		b. Ending Date (YYYY-MM):
		c. Specify total quantity: _____ <input type="checkbox"/> kilograms <input type="checkbox"/> metric tons
2-3C.2.1	<input type="checkbox"/> Processing	a. Starting Date (YYYY-MM):
		b. Ending Date (YYYY-MM):
		c. Specify total quantity: _____ <input type="checkbox"/> kilograms <input type="checkbox"/> metric tons
2-3C.2.2	<input type="checkbox"/> Processing	a. Starting Date (YYYY-MM):
		b. Ending Date (YYYY-MM):
		c. Specify total quantity: _____ <input type="checkbox"/> kilograms <input type="checkbox"/> metric tons
2-3C.2.3	<input type="checkbox"/> Processing	a. Starting Date (YYYY-MM):
		b. Ending Date (YYYY-MM):
		c. Specify total quantity: _____ <input type="checkbox"/> kilograms <input type="checkbox"/> metric tons
2-3C.3.1	<input type="checkbox"/> Consumption	a. Starting Date (YYYY-MM):
		b. Ending Date (YYYY-MM):
		c. Specify total quantity: _____ <input type="checkbox"/> kilograms <input type="checkbox"/> metric tons
2-3C.3.2	<input type="checkbox"/> Consumption	a. Starting Date (YYYY-MM):
		b. Ending Date (YYYY-MM):
		c. Specify total quantity: _____ <input type="checkbox"/> kilograms <input type="checkbox"/> metric tons
2-3C.3.3	<input type="checkbox"/> Consumption	a. Starting Date (YYYY-MM):
		b. Ending Date (YYYY-MM):
		c. Specify total quantity: _____ <input type="checkbox"/> kilograms <input type="checkbox"/> metric tons

If additional pages of Form 2-3C for this chemical are attached, indicate the total number of pages as follows:

page ____ of ____ (e.g., page x of y)

FORM 2-3C Declaration of Anticipated or Additionally Planned Activities for Schedule 2 Chemical

Declaration and reporting requirements are set forth in Part 713 of the CWC Regulations (15 CFR 713).

Submit this form as part of your ANNUAL DECLARATION ON ANTICIPATED ACTIVITIES if you anticipate that one or more plants on your plant site will produce, process or consume a Schedule 2 chemical above the applicable threshold in the next calendar year. You must also submit this form if, after you have submitted the ANNUAL DECLARATION ON ANTICIPATED ACTIVITIES, you have any additionally planned activities at the plant site.

In the upper right-hand corner of this form, enter a Plant Site Name, and/or the U.S. Plant Site Code (once assigned) that you entered on Form 2-1 (Schedule 2 Plant Site or Trading Company Identification).

For each Schedule 2 chemical being declared, provide the CAS Registry Number, if assigned, and the Chemical Name. If the chemical is not specifically listed by Chemical Name and CAS Registry Number in Supplement No. 1 to part 713 of the CWC Regulations (15 CFR 713), you must attach the structural formula of the chemical to Form A. Check the box to indicate that you have attached the structural formula.

Question 2-3C: For anticipated activities and additionally planned activities, determine the activities (production, processing and/or consumption) on the plant site involving the declared Schedule 2 chemical that will occur in the next calendar year. Check the box or boxes on the form which indicate the appropriate activity.

Question 2-3C.1.x: For each anticipated period of production of this Schedule 2 chemical, enter the approximate starting and ending dates (i.e., YYYY-MM) in (a) and (b). To determine the total quantity in (c), aggregate the amounts of the Schedule 2 chemical produced by plants declared for production during each period of production.

Question 2-3C.2.x: For each anticipated period of processing of this Schedule 2 chemical, enter the approximate starting and ending dates (i.e., YYYY-MM) in (a) and (b). To determine the total quantity in (c), aggregate the amounts of the Schedule 2 chemical processed by plants declared for processing during each period of processing.

Question 2-3C.3.x: For each anticipated period of consumption of this Schedule 2 chemical, enter the approximate starting and ending dates (i.e., YYYY-MM) in (a) and (b). To determine the total quantity in (c), aggregate the amounts of the Schedule 2 chemical consumed by plants

declared for consumption during each period of consumption.

NOTE: For the chemical BZ, you should declare all quantities to the nearest tenth of a kilogram (e.g., 0.x kg). For the chemical PFIB and the Amiton family, you should declare all quantities to the nearest kilogram or thousandth of a metric ton (e.g., x.00 kg or 0.00x metric tons). For all other Schedule 2 chemicals you should declare quantities to the nearest ten kilograms or hundredth of a metric ton (e.g., x0.0 kg, or 0.0x metric tons).

After you have submitted the ANNUAL DECLARATION ON ANTICIPATED ACTIVITIES, you must submit a DECLARATION ON ADDITIONALLY PLANNED ACTIVITIES for **additionally planned** production, processing, and/or consumption of a Schedule 2 chemical if:

- (1) You plan that a previously undeclared plant on your plant site will produce, process, or consume a Schedule 2 chemical above the applicable declaration threshold;
- (2) You plan to produce, process, or consume at a declared plant an additional Schedule 2 chemical above the applicable declaration threshold;
- (3) You plan an additional activity (production, processing, or consumption) at your declared plant above the applicable declaration threshold for a previously declared chemical;
- (4) You plan to increase the production, processing, or consumption of a Schedule 2 chemical by a declared plant from the amount exceeding the applicable declaration threshold to an amount exceeding the applicable inspection threshold;
- (5) You plan to change the starting or ending date of previously declared anticipated production, processing, or consumption by more than three months; or
- (6) You plan to increase the production, processing, or consumption of a Schedule 2 chemical by a declared plant site by 20 percent or more of the originally declared amount.

This declaration must be submitted no later than 15 days before the commencement of the additionally planned activities.

If additional spaces are needed to report all declarable periods, use additional copies of this form. Number the pages as shown on the bottom of the form.

<h1 style="margin: 0;">CWC SCHEDULE 2 DECLARATION</h1>			PLANT SITE NAME:
			U.S. PLANT SITE CODE (once assigned):
FORM 2-4 DECLARATION ON SCHEDULE 2 CHEMICAL PRODUCED AT ANY TIME SINCE 1 JANUARY 1946 FOR CHEMICAL WEAPONS (CW) PURPOSES			
Submit this form for each Schedule 2 chemical produced at any time since 1 January 1946 for Chemical Weapons purposes.			
CAS REGISTRY NO.:	CHEMICAL NAME:	COMMON OR TRADE NAME:	
Check this box if you have attached a structural formula for this chemical to Form A. <input type="checkbox"/>			
Provide the following information for each period of production of this Schedule 2 chemical:			
2-4.1.1	a. Starting Date (YYYY-MM):	2-4.1.2	a. Starting Date (YYYY-MM):
	b. Ending Date (YYYY-MM):		b. Ending Date (YYYY-MM):
	c. Quantity produced (between starting and ending dates): kilograms		c. Quantity produced (between starting and ending dates): kilograms
Provide the following information for each destination or final product, if known.			
2-4.2.1	Name:		
	Street Address:		
	City:	State, Province:	
	Postal Code:	Destination Code (Supplement 3):	
	Final product:		
2-4.2.2	Name:		
	Street Address:		
	City:	State, Province:	
	Postal Code:	Destination Code (Supplement 3):	
	Final product:		
2-4.2.3	Name:		
	Street Address:		
	City:	State, Province:	
	Postal Code:	Destination Code (Supplement 3):	
	Final product:		

If additional pages of Form 2-4 for this chemical are attached, indicate the total number of pages as follows:
 page ____ of ____ (e.g., page x of y)

FORM 2-4 Declaration on Schedule 2 Chemical Produced at any time Since 1 January 1946 for Chemical Weapons (CW) Purposes

Declaration and reporting requirements are set forth in Part 713 of the CWC Regulations (15 CFR 713).

Submit this form for each Schedule 2 chemical produced at your plant site for chemical weapons (CW) purposes at any time since 1 January 1946. To complete this declaration, you should also submit a Certification Form, Form 2-1, and a separate Form 2-2 for each plant on your plant site that produced Schedule 2 chemicals for CW purposes.

In the upper right hand corner of this form, enter the Plant Site Name and U.S. Plant Site Code (once assigned) that you entered on Form 2-1 (Declaration of Schedule 2 Plant Site or Trading Company Identification).

For each Schedule 2 chemical being declared, provide the CAS Registry number, if assigned, Chemical Name and Common or Trade Name. If the chemical is not specifically listed by Chemical Name and CAS Registry Number in Supplement No. 1 to Part 713 of the CWC Regulations (15 CFR 713), you must attach the structural formula of the chemical to Form A. Check the box to indicate that you have attached the structural formula.

Question 2-4.1.x: Provide the starting and ending dates for each of the **production periods** of this Schedule 2 chemical used for CW purposes since 1 January 1946. Note: For

production periods, indicate year and month (i.e., YYYY-MM). For each production period, provide the **production quantity** of the Schedule 2 chemical in kilograms (kgs) to the nearest kg.

Question 2-4.2.x: If this Schedule 2 chemical was shipped to another location, either domestic or foreign, provide the name and address, if known, of that location or destination.

Provide the appropriate Destination Code indicated in Supplement No. 3 for all destinations, including the U.S.

Provide the name of the final CW product, **if known**. If the final product is a chemical on the Schedules of Chemicals, please give its name. If the final product is not a chemical on the Schedules of Chemicals, identify that final product by giving its common name, trade name or other identification, as appropriate.

If there is insufficient space to identify the production periods or the destination or final product for each Schedule 2 chemical produced for CW purposes, use additional copies of Form 3-4. Indicate the page number of each additional page and the total number of pages of Form 2-4 using the format "page x of y" (as described at the bottom of Form 2-4).

**CWC SCHEDULE 2
FORM A**

Use this form to describe any attachment to this declaration or report. Attachments may include, for example, additional information on the precise location of a facility, site map or chemical structural formula.

FORM A ATTACHMENTS FOR SCHEDULE 2 PLANT SITE OR TRADING COMPANY

[illegible]

FORM A Attachments for Schedule 2 Plant Site or Trading Company

Declaration and reporting requirements are set forth in Part 713 of the CWC Regulations (15 CFR 713).

Submit this form to list any attachments containing additional information (e.g., site diagrams, maps, drawings, chemical structural formulas).

PLANT SITE OR TRADING COMPANY NAME: In column 1, enter the name of the plant site or trading company, and if assigned, enter its U.S. Plant Site or Trading Company Code.

PLANT NAME: If providing information on a plant, enter in column 2, the name of the plant, and once assigned, enter its U.S. Plant Code.

FORM NUMBER: In column 3, enter the form number to which this additional information refers.

IDENTIFY ATTACHMENT: In column 4, provide a description of the attachment and assign a unique name to it (e.g., site map). For structural formulas, provide the CAS Registry Number, if assigned, chemical name and/or common trade name.

Insert all attachments in an envelope and staple the envelope to Form A.

CWC SCHEDULE 2

FORM B

FORM B OPTIONAL COMMENTS

B.1.1	Comments on form number____, question number____:
B.1.2	Comments on form number____, question number____:
B.1.3	Comments on form number____, question number____:
B.1.4	Comments on form number____, question number____:
B.1.5	Comments on form number____, question number____:
B.1.6	Comments on form number____, question number____:
B.1.7	Comments on form number____, question number____:
B.2.1	General comments or suggestions:

FORMB Optional Comments

Declaration and reporting requirements are set forth in Part 713 of the CWC Regulations (15 CFR 713).

Please use this form to record comments or suggestions. Use as many copies of this form as necessary. Submission of this form is optional, and the information provided will be used only by the Department of Commerce to improve the forms and the CWC reporting process.

SUPPLEMENT 1

HOW TO DETERMINE LATITUDE AND LONGITUDE COORDINATES

Introduction

The latitude and longitude coordinates of declared facilities are very important for pinpointing facility location and are a required data element on the CWC Declaration Forms. As a result, the Department of Commerce, Bureau of Export Administration (BXA) is encouraging facilities to make the best possible measurements when determining latitude and longitude coordinates. Undeclared facilities, trading companies or other persons subject to the Chemical Weapons Convention Regulations (CWCRC) are not required to provide latitude and longitude coordinates.

The CWC Declaration Forms give you the option to identify the latitude or longitude coordinates of either the “center” of the facility or “another location” of the facility; however, if you do not specify the coordinates of the “center” of your facility, you must attach to Form A a description of the physical location identified by the coordinates (e.g., front gate, Building No. 15). You may also attach to Form A any additional information that may be useful to locate the facility.

Latitude is the distance north or south of the equator. Longitude is the distance east or west of the prime meridian (Greenwich, England). Latitude and longitude are measured in degrees, minutes, and seconds.

$1^{\circ}(\text{degree}) = 60'(\text{minutes})$

$1'(\text{minute}) = 60''(\text{seconds})$

How to Determine the Latitude and Longitude Coordinates of Your Facility

There are a number of inexpensive commercial systems or government services which are available to assist you in identifying your facility’s location, as listed below. You should use one of these systems or methods to determine the latitude and longitude coordinates of your facility. Note that you may have previously determined your facility’s precise latitude and longitude coordinates for other U.S. Government reporting requirements (e.g., EPA/TRI).

Global Position Systems (GPS) – GPS is one of the easiest and least expensive methods used in obtaining the precise latitude and longitude coordinates of a facility. The United States Government has determined that using a GPS in identifying the latitude and longitude coordinates of your facility is an acceptable method. During an inspection of your facility, inspectors of the Organization on the Prohibition of Chemical Weapons (OPCW) may also use a GPS to verify the location of your facility.

Survey Records – Another source for obtaining latitude and longitude coordinates of a facility is through use of surveying records from your local government’s Registrant Office.

Bureau of Export Administration (BXA) Assistance – BXA will assist you in identifying the latitude and longitude coordinates of your facility. You should contact BXA’s Information Technology Team at 703-235-1335 for assistance.

U.S. Geological Survey (USGS) Maps—The USGS is another important resource available for identifying the latitude and longitude coordinates of your facility. The USGS publishes topographic quadrangle maps which are useful tools available to help you in determining the latitude and longitude coordinates for your facility. These maps are published in varying degrees of detail. It is very important that latitude and longitude measurements be made from the most detailed maps available.

To identify the detailed topographic quadrangle map in which your facility is located, the USGS has published an index and a catalog of topographic maps available for each state. Both the index and the catalog are available in many libraries or may be obtained free of charge from the Distribution Branch of the USGS. The **Index to Topographic and Other Map Coverage** helps you to identify the most detailed map in which your facility is located.

The detailed topographic quadrangle maps are available in many libraries or may be purchased from the Distribution Branch of the USGS and from private map dealers. The Catalog of Topographic and Other Published Maps contains a list of map depository libraries and topographic map dealers for each state covered in the Catalog.

To purchase a topographic quadrangle map from the USGS, you must send a written request to the Distribution Branch of the USGS, containing the file number and map reference code, the name of the city, state and zip code in which your facility is located.

The Distribution Branch of the USGS can be reached at:

Distribution Branch of the USGS
P.O. Box 25286
Denver Federal Center
Denver, CO 80225
(303) 236-7477

Allow 5 Weeks for Delivery.

For faster service, you may call the USGS toll free number 1-800-435-7627 to obtain names of private map dealers in your state and the cost of the maps.

You may also purchase topographic maps online via the Internet at: <http://mapping.usgs.gov/mac/findmaps.html>.

In addition, you may purchase a topographic quadrangle map from the USGS through a USGS Public Inquiry Office. The Public Inquiry Offices are listed for each state on the inside back cover of the *Catalog of Topographic and Other Published Maps*.

If you need help in determining your latitude and longitude once you have the necessary map, the National Cartographic Information Center can provide assistance:

Western states: (303) 236-5829
Eastern states: (314) 341-0851

Determining Your Facility's Latitude and Longitude.

Once you have obtained the correct map for your facility (as illustrated at the end of this supplement):

- (1) Mark the location of your facility on the map with a point. If your facility is large, choose a point central to the production activities of the facility. If certain structures in your facility are represented on the map, mark one of the structures with a point.
- (2) Construct a small rectangle around the point with fine pencil lines connecting the nearest 2.5' or 5' graticules. *Graticules* are intersections of latitude and longitude lines that are marked on the map edge, and appear as black crosses at four points in the interior of the map.
- (3) Read and record the latitude in terms of North and longitude in terms of West (in degrees, minutes, and seconds) for the southeast corner of the small quadrangle drawn in step two. The latitude and longitude are printed at the edges of the map.
- (4) To determine the increment of latitude above the latitude line recorded in step 3,
 - position the map so that you face *west*:
 - place the ruler in approximately a north-south alignment, with the "0" on the latitude line recorded in step 3 with the ruler edge intersecting the point.

Without moving the ruler, read and record:

- the measurement from the latitude line to the desired point (the point distance);
- the measurement from the latitude line to the north line of the small quadrangle (the total distance).

Determine the number of seconds to be added to the latitude recorded in step 3 by using the ratio:

$$\frac{\text{Point distance}}{\text{Total distance between lines}} \times 150'' = \text{increment of latitude}$$

[Note: 150" is the number of seconds of arc for the side of the small quadrangle on a 7.5' map. If you are using a 15' map, the multiplication factor is 300" instead of 150" since each graticule is 5' of latitude or longitude].

For example:

Point distance = 99.5
Total distance = 192.0

$$\frac{99.5}{192.0} \times 150'' = 77.7'' = 01'17.7''$$

(conversion procedure: $60'' = 1'$; $77.7'' = 60'' + 17.7'' = 01'17.7''$)

Latitude in step 3	32°17'30.0"N
<u>Increment</u>	<u>+ 01'17.7"N</u>
Latitude of point	32°18'47.7"N

to the nearest second = 32°18'48.0"N

(5) To determine the increment of longitude west of the longitude line recorded in step 3,

- position the map so that you face *south*;
- place the ruler in approximately an east-west alignment with the "0" on the longitude line recorded in step 3 with the ruler edge intersecting the point.

Without moving the ruler, read and record:

- the measurement from the longitude line to the desired point (the point distance);
- the measurement from the longitude line to the west line of the small quadrangle (the total distance).

Determine the number of seconds to be added to the longitude recorded in step 3 by using the ratio:

$$\frac{\text{Point distance}}{\text{Total distance between lines}} \times 150'' = \text{increment of longitude}$$

For example:

Point distance = 65.0
Total distance = 149.9

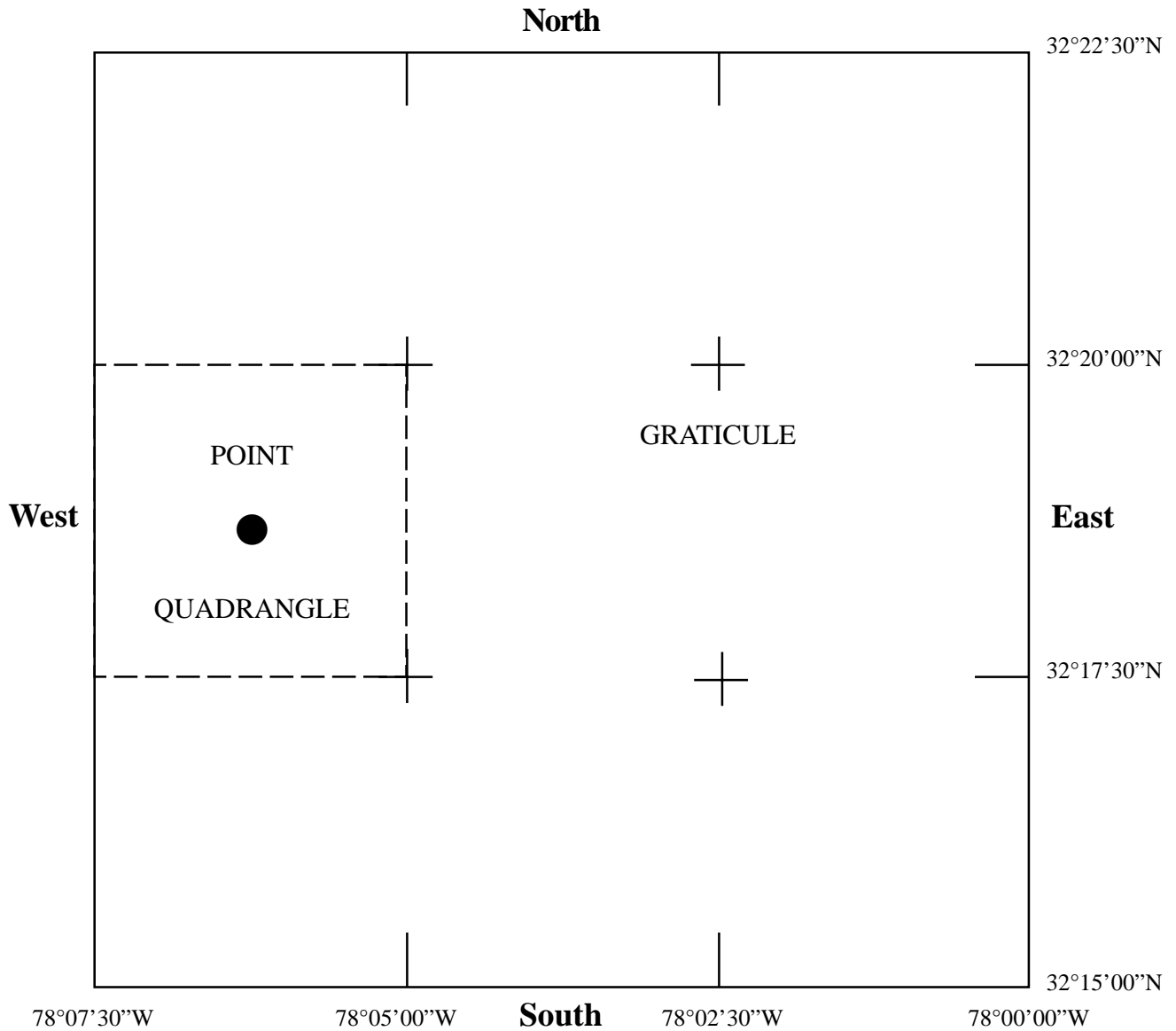
$$\frac{65.0}{149.9} \times 150'' = 65'' = 01'05''$$

(conversion procedure: $60'' = 1'$; $65'' = 60'' + 05'' = 01'05''$)

Latitude in step 3	78°05'00"W
<u>Increment</u>	<u>+ 01'05"W</u>
Latitude of point	78°06'05"W

to the nearest second = 78°06'05"W

LATITUDE/LONGITUDE DIAGRAM



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SUPPLEMENT 2

PRODUCT GROUP CODES

Standard International Trade Classification (SITC) 3 Digit Codes (an excerpt of chemicals and related products)

Code	Description
511	Hydrocarbons, N.E.S., and their halogenated, sulphonated, nitrated or nitrosated derivatives
512	Alcohols, phenols, phenol-alcohols, and their halogenated, sulphonated, nitrated or nitrosated derivatives
513	Carboxylic acids and their anhydrides, halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrosated derivatives
514	Nitrogen-function compounds
515	Organo-inorganic compounds, heterocyclic compounds, nucleic acids and their salts, and sulphonamides
516	Other organic chemicals
522	Inorganic chemical elements, oxides and halogen salts
523	Metal salts and peroxysalts, of inorganic acids
524	Other inorganic chemicals; organic and inorganic compounds of precious metals
525	Radioactive and associated materials
531	Synthetic organic colouring matter and colour lakes, and preparations based thereon
532	Dyeing and tanning extracts, and synthetic tanning materials
533	Pigments, paints, varnishes and related materials
541	Medicinal and pharmaceutical products, other than medicaments of Group 542
542	Medicaments (including veterinary medicaments)
551	Essential oils, perfume and flavour materials
553	Perfumery, cosmetic or toilet preparations (excluding soaps)
554	Soap, cleansing and polishing preparations
562	Fertilizers (other than those of Group 272)
571	Polymers of ethylene, in primary forms
572	Polymers of styrene, in primary forms

Code	Description
573	Polymers of vinyl chloride or of other halogenated olefins in primary forms
574	Polyacetals, other polyethers and epoxide resins, in primary forms; polycarbonates, alkyd resins, polyallyl esters and other polyesters
579	Waste, parings and scrap, of plastics
581	Tubes, pipes and hoses, and fittings therefor, of plastics
582	Plates, sheets, film, foil and strip, of plastics
583	Monofilament of which any cross-sectional dimension exceeds 1 mm, rods, sticks and profile shapes, whether or not surface-worked but not otherwise worked, of plastics
591	Insecticides, rodenticides, fungicides, herbicides, anti-sprouting products and plant-growth regulators, disinfectants and similar products, put up in forms or packings for retail sale or as preparations or articles (e.g. sulphur-treated bands, wicks and candles, and fly papers)
592	Starches, inulin and wheat gluten; albuminoidal substances; glues
593	Explosives and pyrotechnic products
597	Prepared additives for mineral oils and the like; prepared liquids for hydraulic transmission; anti-freezing preparations and prepared de-icing fluids; lubricating preparations
598	Miscellaneous chemicals products, N.E.S.
611	Leather

SUPPLEMENT 3

DESTINATION CODES

CODE	DESTINATION (Name in English)
AFG	AFGHANISTAN Islamic State of Afghanistan
ALB	ALBANIA Republic of Albania
DZA	ALGERIA People's Democratic Republic of Algeria
AND	ANDORRA Principality of Andorra
AGO	ANGOLA Republic of Angola
ATG	ANTIGUA AND BARBUDA
ARG	ARGENTINA Argentine Republic
ARM	ARMENIA Republic of Armenia
AUS	AUSTRALIA
AUT	AUSTRIA Republic of Austria
AZE	AZERBAIJAN Azerbaijani Republic
BHS	BAHAMAS Commonwealth of the Bahamas
BHR	BAHRAIN State of Bahrain
BGD	BANGLADESH People's Republic of Bangladesh
BRB	BARBADOS
BLR	BELARUS Republic of Belarus
BEL	BELGIUM Kingdom of Belgium
BLZ	BELIZE
BEN	BENIN Republic of Benin
BTN	BHUTAN Kingdom of Bhutan
BOL	BOLIVIA Republic of Bolivia
BIH	BOSNIA AND HERZEGOVINA Republic of Bosnia and Herzegovina
BWA	BOTSWANA Republic of Botswana
BRA	BRAZIL Federative Republic of Brazil
BRN	BRUNEI DARUSSALAM
BGR	BULGARIA Republic of Bulgaria
BFA	BURKINA FASO
BDI	BURUNDI Republic of Burundi
KHM	CAMBODIA Kingdom of Cambodia
CMR	CAMEROON Republic of Cameroon

CODE	DESTINATION (Name in English)
CAN	CANADA
CPV	CAPE VERDE Republic of Cape Verde
CAF	CENTRAL AFRICAN REPUBLIC
TCD	CHAD Republic of Chad
CHL	CHILE Republic of Chile
CHN	CHINA People's Republic of China (including Hong Kong and Macau)
COL	COLOMBIA Republic of Colombia
COM	COMOROS Islamic Federal Republic of the Comoros
COG	CONGO Republic of the Congo
COK	COOK ISLANDS
CRI	COSTA RICA Republic of Costa Rica
CIV	COTE D'IVOIRE Republic of Cote d'Ivoire
HRV	CROATIA Republic of Croatia
CUB	CUBA Republic of Cuba
CYP	CYPRUS Republic of Cyprus
CZE	CZECH REPUBLIC
PRK	DEMOCRATIC PEOPLE'S REPUBLIC OF KOREA
COD	DEMOCRATIC REPUBLIC OF THE CONGO
DNK	DENMARK Kingdom of Denmark
DJI	DJIBOUTI Republic of Djibouti
DMA	DOMINICA Commonwealth of Dominica
DOM	DOMINICAN REPUBLIC
ECU	ECUADOR Republic of Ecuador
EGY	EGYPT Arab Republic of Egypt
SLV	EL SALVADOR Republic of El Salvador
GNQ	EQUATORIAL GUINEA Republic of Equatorial Guinea
ERI	ERITREA
EST	ESTONIA Republic of Estonia
ETH	ETHIOPIA Federal Democratic Republic of Ethiopia
FJI	FIJI Republic of Fiji
FIN	FINLAND Republic of Finland
FRA	FRANCE French Republic
GAB	GABON Gabonese Republic
GMB	GAMBIA Republic of Gambia
GEO	GEORGIA Republic of Georgia

CODE	DESTINATION (Name in English)
DEU	GERMANY Federal Republic of Germany
GHA	GHANA Republic of Ghana
GRC	GREECE Hellenic Republic
GRD	GRENADA
GTM	GUATEMALA Republic of Guatemala
GIN	GUINEA Republic of Guinea
GNB	GUINEA-BISSAU Republic of Guinea Bissau
GUY	GUYANA Republic of Guyana
HTI	HAITI Republic of Haiti
VAT	HOLY SEE (VATICAN CITY STATE) (Saint Siege)
HND	HONDURAS Republic of Honduras
HUN	HUNGARY Republic of Hungary
ISL	ICELAND Republic of Iceland
IND	INDIA Republic of India
IDN	INDONESIA Republic of Indonesia
IRN	IRAN (ISLAMIC REPUBLIC OF) Islamic Republic of Iran
IRQ	IRAQ The Republic of Iraq
IRL	IRELAND
ISR	ISRAEL State of Israel
ITA	ITALY Italian Republic
JAM	JAMAICA
JPN	JAPAN
JOR	JORDAN Hashemite Kingdom of Jordan
KAZ	KAZAKHSTAN Republic of Kazakhstan
KEN	KENYA Republic of Kenya
KIR	KIRIBATI
KWT	KUWAIT State of Kuwait
KGZ	KYRGYZSTAN Kyrgys Republic
LAO	LAOS PEOPLE'S DEMOCRATIC REPUBLIC
LVA	LATVIA Republic of Latvia
LBN	LEBANON Lebanese Republic
LSO	LESOTHO Kingdom of Lesotho
LBR	LIBERIA Republic of Liberia
LBY	LIBYAN ARAB JAMAHIRIYA Socialist People's Libyan Arab Jamahiriya
LIE	LIECHTENSTEIN Principality of Liechtenstein

CODE	DESTINATION (Name in English)
LTU	LITHUANIA Republic of Lithuania
LUX	LUXEMBOURG Grand Duchy of Luxembourg
MDG	MADAGASCAR Republic of Madagascar
MWI	MALAWI Republic of Malawi
MYS	MALAYSIA
MDV	MALDIVES Republic of Maldives
MLI	MALI Republic of Mali
MLT	MALTA Republic of Malta
MHL	MARSHALL ISLANDS Republic of the Marshall Islands
MRT	MAURITANIA Islamic Republic of Mauritania
MUS	MAURITIUS Republic of Mauritius
MEX	MEXICO United Mexican States
FSM	MICRONESIA Federated States of Micronesia
MCO	MONACO Principality of Monaco
MNG	MONGOLIA
MAR	MOROCCO Kingdom of Morocco
MOZ	MOZAMBIQUE Republic of Mozambique
MMR	MYANMAR Union of Myanmar
NAM	NAMIBIA Republic of Namibia
NRU	NAURU Republic of Nauru
NPL	NEPAL Kingdom of Nepal
NLD	NETHERLANDS Kingdom of The Netherlands
NZL	NEW ZEALAND
NIC	NICARAGUA Republic of Nicaragua
NER	NIGER Republic of Niger
NGA	NIGERIA Federal Republic of Nigeria
NIU	NIUE Republic of Niue
NOR	NORWAY Kingdom of Norway
OMN	OMAN Sultanate of Oman
PAK	PAKISTAN Islamic Republic of Pakistan
PLW	PALAU Republic of Palau
PAN	PANAMA Republic of Panama
PNG	PAPUA NEW GUINEA
PRY	PARAGUAY Republic of Paraguay
PER	PERU Republic of Peru

CODE	DESTINATION (Name in English)
PHL	PHILIPPINES Republic of Philippines
POL	POLAND Republic of Poland
PRT	PORTUGAL Portuguese Republic
QAT	QATAR State of Qatar
KOR	REPUBLIC OF KOREA
MDA	REPUBLIC OF MOLDOVA
ROM	ROMANIA
RUS	RUSSIAN FEDERATION
RWA	RWANDA Rwandese Republic
KNA	SAINT KITTS AND NEVIS
LCA	SAINT LUCIA
VCT	SAINT VINCENT AND THE GRENADINES
SMR	SAN MARINO Republic of San Marino
STP	SAO TOME AND PRINCIPE Democratic Republic of Sao Tome and Principe
SAU	SAUDI ARABIA Kingdom of Saudi Arabia
SEN	SENEGAL Republic of Senegal
SYC	SEYCHELLES Republic of Seychelles
SLE	SIERRA LEONE Republic of Sierra Leone
SGP	SINGAPORE Republic of Singapore
SVK	SLOVAKIA Slovak Republic
SVN	SLOVENIA Republic of Slovenia
SLB	SOLOMON ISLANDS
SOM	SOMALIA Somali Democratic Republic
ZAF	SOUTH AFRICA Republic of South Africa
ESP	SPAIN Kingdom of Spain
LKA	SRI LANKA Democratic Socialist Republic of Sri Lanka
SDN	SUDAN Republic of the Sudan
SUR	SURINAME Republic of Suriname
SWZ	SWAZILAND Kingdom of Swaziland
SWE	SWEDEN Kingdom of Sweden
CHE	SWITZERLAND Swiss Confederation
SYR	SYRIAN ARAB REPUBLIC
TJK	TAJIKISTAN Republic of Tajikistan
THA	THAILAND Kingdom of Thailand
MKD	FORMER YUGOSLAV REPUBLIC OF MACEDONIA

CODE	DESTINATION (Name in English)
TGO	TOGO Togolese Republic
TON	TONGA Kingdom of Tonga
TTO	TRINIDAD AND TOBAGO Republic of Trinidad and Tobago
TUN	TUNISIA Republic of Tunisia
TUR	TURKEY Republic of Turkey
TKM	TURKMENISTAN
TUV	TUVALU
UGA	UGANDA Republic of Uganda
UKR	UKRAINE
ARE	UNITED ARAB EMIRATES
GBR	UNITED KINGDOM United Kingdom of Great Britain & Northern Ireland
TZA	UNITED REPUBLIC OF TANZANIA
USA	UNITED STATES United States of America
URY	URUGUAY Eastern Republic of Uruguay
UZB	UZBEKISTAN Republic of Uzbekistan
VUT	VANUATU Republic of Vanuatu
VEN	VENEZUELA Republic of Venezuela
VNM	VIET NAM Socialist Republic of Viet Nam
YEM	YEMEN Republic of Yemen
YUG	YUGOSLAVIA Federal Republic of Yugoslavia
ZMB	ZAMBIA Republic of Zambia
ZWE	ZIMBABWE Republic of Zimbabwe
TAI	TAIWAN ¹

1 Transfers to Taiwan of Schedule 2 and 3 chemicals must be declared or reported using the Destination Code “TAI”. This requirement does not imply recognition of the Taiwan authorities nor an official relationship with Taiwan.

SUPPLEMENT NO. 4

GLOSSARY OF DEFINITIONS AND TERMS

The following is a list of definitions and terms used in this Handbook. Certain of these definitions are reprinted from Section 710.1 of the Chemical Weapons Convention Regulations (15 CFR Section 710).

Act (The). The Chemical Weapons Convention Implementation Act of 1998 (22 U.S.C. 6701 et seq.).

Bureau of Export Administration (BXA). The Bureau of Export Administration of the United States Department of Commerce, including the Office of Export Administration and the Office of Export Enforcement.

By-product. Any chemical substance or mixture produced without a separate commercial intent during the manufacture, processing, use or disposal of another chemical substance or mixture.

Chemical Weapon. Means the following, together or separately:

- (a) A toxic chemical and its precursors, except where intended for purposes not prohibited under the CWC, provided that the type and quantity are consistent with such purposes;
- (b) A munition or device, specifically designed to cause death or other harm through the toxic properties of those toxic chemicals specified in paragraph (a) of this definition which would be released as a result of the employment of such munition or device; or
- (c) Any equipment specifically designed for use directly in connection with the employment of munitions or devices specified in paragraph (b) of this definition.

Chemical Weapons Convention (CWC or Convention). The Convention on the Prohibition of the Development, Production, Stockpiling and Use of Chemical Weapons and on Their Destruction, and its annexes opened for signature on January 13, 1993, and entered into force on April 29, 1997.

Chemical Weapons Convention Regulations (CWCR). The regulations used for compliance with the CWC which are contained at 15 CFR Parts 710 through 721.

Consumption. A complete conversion of a chemical into another chemical via a chemical reaction. Unreacted material should be accountable as either waste (i.e., consumption) or recycled material.

Declaration. Forms submitted by declared facilities to the U.S. Government on chemical activities that are above applicable threshold quantities and are required pursuant to the CWC regulations.

Declaration or Report Form. A multi-purpose form used regarding activities involving Schedule 1, Schedule 2, and Schedule 3 chemicals, or Unscheduled Discrete Organic Chemicals. Declaration forms will be used by facilities or plant sites that have data declarations obligations under the CWCR and are

“declared” facilities whose facility-specific information will be transmitted to the OPCW. Report forms will be used by facilities that are “undeclared” facilities or plant sites and trading companies that have limited reporting requirements only for export and import activities under the CWC and whose facility specific information will not be transmitted to the OPCW. Information from declared facilities, undeclared facilities and trading companies will also be used to compile U.S. national aggregate figures on the production, processing, consumption, export and import of specific chemicals. See also definitions of declared facility, undeclared facility and report.

Declaration or Report Point of Contact (D/R-POC). The person who is responsible for clarifying information provided in the declaration or report and for general information. The D/R-POC need not be the person who prepares the declaration or report forms or signs the Certification Form.

Declared Facility or Plant Site. A facility or plant site required to complete data declarations of activities involving Schedule 1, Schedule 2, or Schedule 3 chemicals, or Unscheduled Discrete Organic Chemicals above applicable threshold quantities. Only certain declared facilities and plant sites are subject to routine inspections under the CWC. Plant sites that produced either Schedule 2 or Schedule 3 chemicals for Chemical Weapon purposes at any time since January 1, 1946, are also “declared” plants sites. However, such plant sites are not subject to routine inspection if they are not subject to declaration requirements because of past production, processing, consumption of Scheduled Chemicals or Unscheduled Discrete Organic Chemicals above applicable threshold quantities.

Dedicated and Multipurpose Schedule 2 Chemical Plants. Means the following:

A Schedule 2 plant is dedicated when its process configuration is dedicated to the declarable activities (production, processing, or consumption) in relation to declared Schedule 2 chemicals.

A Schedule 2 plant is multipurpose when the plant is designed to provide the means for the production of a variety of products by virtue of enabling more than one process configuration, i.e., the reconfiguration of the equipment and the piping as required for these different processes.

Destination Codes. Three-letter codes used to designate the destination from which CWC Scheduled Chemicals were export to or import from the United States. Destination Codes are listed in Supplement No. 3.

Discrete Organic Chemical. Any chemical belonging to the class of chemical compounds consisting of all compounds of carbon except for its oxides, sulfides, metal carbonates and metal carbides identifiable by chemical name, by structural formula, if known, and by Chemical Abstract Service registry number, if assigned.

Domestic Transfer. Means, with regard to declaration requirements for Schedule 1 chemicals under the CWC, any movement of any amount of Schedule 1 chemicals outside the geographical boundary of a facility in the United States to another destination in the United States, for any purpose. Domestic transfer includes movement between two divisions of one company or a sale from one company to another. Note that any movement to or from a facility outside the United States is considered an export or import for reporting purposes, not a domestic transfer.

EAR. The Export Administration Regulations (15 CFR parts 730 through 799).

Entity. Any person involved in the production, processing, consumption, export or import of Scheduled Chemicals and Unscheduled Discrete Organic Chemicals.

Facility. Any plant site, plant or unit.

Impurity. A chemical substance unintentionally present with another chemical substance or mixture.

Inspection Point of Contact (I-POC). The person who is available on a 24-hour basis to receive notice of an impending inspections of a declared plant site by the U.S. Government.

Manufacture. The act or process of producing a product from raw materials (suitable for use).

Operator. The person who is in charge of the daily operations of a plant or plant site. This person can also sign and verify the accuracy of declarations and reports that are submitted to BXA. This person may be present during inspections.

Organization for the Prohibition of Chemical Weapons (OPCW). The international organization, located in The Hague, The Netherlands, that administers the CWC.

Owner. The person who owns or possess the plant or plant site.

Person. Any individual, corporation, partnership, firm, association, trust, estate, public or private institution, any State or any political subdivision thereof, or any political entity within a State, any foreign government or nation or any agency, instrumentality or political subdivision of any such government or nation, or other entity located in the United States.

Plant. A relatively self-contained area, structure or building containing one or more units with auxiliary and associated infrastructure, such as:

- (a) Small administrative area;
- (b) Storage/handling areas for feedstock and products;
- (c) Effluent/waste handling/treatment area;
- (d) Control/analytical laboratory;
- (e) First aid service/related medical section; and
- (f) Records associated with the movement into, around, and from the site, of declared chemicals and their feedstock or product chemicals formed from them, as appropriate.

Plant Site. The local integration of one or more plants, with any intermediate administrative levels, which are under one operational control and includes common infrastructure, such as:

- (a) Administration and other offices;
- (b) Repair and maintenance shops;
- (c) Medical center;

- (d) Utilities;
- (e) Central analytical laboratory;
- (f) Research and development laboratories;
- (g) Central effluent and waste treatment area; and
- (h) Warehouse storage.

Processing. A physical process such as formulation, extraction or purification in which a chemical is not converted into another chemical.

Precursor. Any chemical reactant which takes part, at any stage in the production, by whatever method, of a toxic chemical. The term includes any key component of a binary or multicomponent chemical system..

Product Group Codes. Standard International Trade Classification (SITC) Codes used to describe the kind of ultimate products manufactured at the plant or plant site (see definition of SITC codes).

Production. The formation of a chemical through chemical reaction.

Production Capacity. The annual quantitative potential for manufacturing a specific chemical based on the technological process actually used or, if the process is not yet operational, planned to be used at the relevant facility. It shall be deemed to be equal to the nameplate capacity or, if the nameplate capacity is not available, to the design capacity. For the purpose of Schedule 2 declarations, the nameplate capacity is the product output under conditions optimized for maximum quantity for the production facility, as demonstrated by one or more test-runs. The design capacity is the corresponding theoretically calculated product output, without test data or other supportive plant specific information.

PSF-chemical. An Unscheduled Discrete Organic Chemical containing one or more of the elements of phosphorus, sulfur or fluorine.

Quantity. The actual quantity of a chemical. Where the product contains less than 100% of the chemical, only the actual quantity of the chemical in the product shall be declared or reported.

Report. Information due to BXA from undeclared facilities or plant sites and trading companies on exports and imports of Schedule 1, Schedule 2 or Schedule 3 chemicals above the applicable thresholds. Such information is included in the national aggregate declaration prior to transmittal to the OPCW. Facility-specific information is not included in the national aggregate declaration.

Standard International Trade Classification Codes (SITC). United Nations trade classification codes which describes the kind of products manufactured at the plant or plant site based upon the main activities (see Supplement No. 3).

Storage. For purposes of Schedule 1 declarations, means any quantity of chemical that is not accounted for under the categories of production, export, import, consumption or domestic transfer.

Synthesis. The production of a chemical from its reactants.

Toxic Chemical. Any chemical which through its chemical action on life processes can cause death, temporary incapacitation, or permanent harm to humans or animals. The term includes all such chemicals, regardless of their origin or of their method of production, and regardless of whether they are produced in facilities, in munitions, or elsewhere. Toxic chemicals which have been identified for the application of verification measures are in schedules contained in Supplements No. 1 to Parts 712, 713, and 714 of the CWCR.

Trading Company. Any person involved in the export and/or import of Scheduled Chemicals in amounts greater than applicable threshold quantities, but not in the production, processing or consumption of such chemicals in amounts greater than threshold amounts requiring a declaration. If such persons exclusively export and/or import Scheduled Chemicals in amounts greater than applicable threshold quantities, they are subject to reporting requirements but are not subject to routine inspections.

Transfer to Other Industry. Means, for Schedule 3 declarations, transfers of chemicals to industries such as agriculture, construction, manufacturing, pharmaceutical, and service industries.

Undeclared Facility or Plant Site. A facility or plant site that is not subject to declaration requirements because of past or anticipated production, processing or consumption involving Scheduled Chemicals or Unscheduled Discrete Organic Chemicals above applicable threshold quantities. However, such facilities and plant sites may have a reporting requirement for exports and/or imports of such chemicals.

Unscheduled Chemical. A chemical that is not contained in Schedule 1, Schedule 2, or Schedule 3 (see Supplement No. 1 to Parts 712, 713 and 714 of the CWCR).

Unscheduled Discrete Organic Chemical (UDOC). Any discrete organic chemical that is not contained in the Schedules of Chemical (see Supplements No. 1 to Parts 712, 713 and 714 of the CWCR) and therefore is subject to declaration requirements of Part 715 of the CWCR. UDOCs subject to declaration are those produced by synthesis that were isolated for use or sale as specific end-products.

You. The term “you” or “your” means any person (see also definition of “person”). With regard to the declaration and reporting requirements of the CWCR, “you” refers to persons that have an obligation to declare or report certain activities under the provisions of the CWCR.

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